

Converting Colors

YIQ(226.7440, -20.4910,
-19.6190)

Have a look what the booklet for
YIQ(226.7440, -20.4910, -19.6190)
contains.

YIQ(226.7440, -20.4910, -19.6190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(226.7440, -20.4910,
-19.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F5D8
RGB	195, 245, 216
RGB Percent	76%, 96%, 85%
CMY	0.2354, 0.0391, 0.1530
CMYK	0.20, 0.00, 0.12, 0.04
HSL	145°, 71%, 86%
HSV	145°, 20%, 96%
XYZ	67.5481, 81.8720, 77.1983
YIQ	226.7440, -20.4910, -19.6190

Conversions

Conversions Part 2

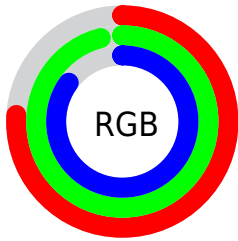
Format	Color
RYB	195, 230, 245
Decimal	12842456
CIELab	92.52, -21.55, 8.76
CIELCh	93, 23.266, 157.877
Yxy	81.8720, 0.2981, 0.3613
Android (android.graphics.Color)	4291032536 (0xFFC3F5D8)
YUV	226.7440, -5.2968, -27.8395
Hunter-Lab	90.4832, -25.0905, 12.7533

Details

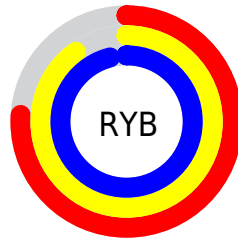
The YIQ color $226.7440, -20.4910, -19.6190$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $213.2560, 20.4910, 19.6190$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.1030, -1.7880, -0.6360$, and $171.4560, -19.6200, -18.8840$ is the 20% darker color. If you saturate the color by 10%, you get $217.6730, -30.8970, -29.2730$, and if you desaturate by 10%, it is $235.5160, -10.6810, -10.1770$.

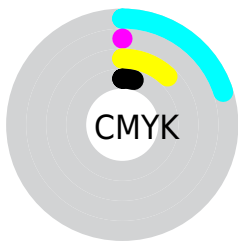
Distribution



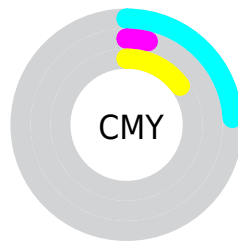
- Red (76%)
- Green (96%)
- Blue (85%)



- Red (76%)
- Yellow (90%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.7440, -20.4910, -19.6190 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 226.7440, -20.4910, -19.6190 by changing the saturation by 10% instead.

■ 226.7440,
-20.4910, -19.6190

■ 226.7440,
-20.4910, -19.6190

255.0000, -0.0000,
-0.0000

■ 198.1570,
-20.2160, -19.0960

■ 254.1030, -1.7880,
-0.6360

■ 171.4560,
-19.6200, -18.8840

■ 143.9830,
-19.6660, -18.0500

■ 118.3960,
-19.3910, -17.5270

■ 93.3960, -19.3910,
-17.5270

■ 68.9230, -19.4370,
-16.6930

■ 45.7380, -20.3540,

-16.5940

■ 25.1730, -17.1450,
-14.1770

■ 9.3920, -4.4000,
-8.3680

■ 226.7440,
-20.4910, -19.6190

■ 226.7440,
-20.4910, -19.6190

■ 217.6730,
-30.8970, -29.2730

■ 235.5160,
-10.6810, -10.1770

■ 208.9010,
-40.7070, -38.7150

■ 244.5870, -0.2750,
-0.5230

■ 199.7160,
-50.7920, -48.6800

■ 249.1300, 2.7500,
5.2300

■ 190.9440,
-60.6020, -58.1220

■ 181.8730,
-71.0080, -67.7760

■ 173.1010,
-80.8180, -77.2180

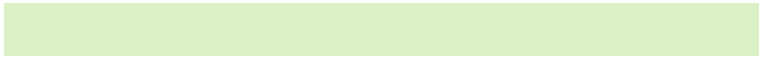
■ 163.9160,
-90.9030, -87.1830

■ 155.5570,
-100.4380, -96.1020

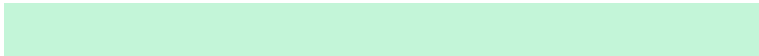
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.8190, 1.2870, -17.8250



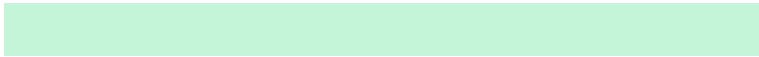
226.7440, -20.4910, -19.6190



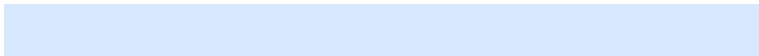
225.1580, -39.1520, -17.3280

Triad

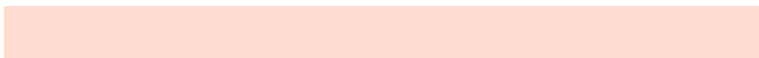
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.7440, -20.4910, -19.6190



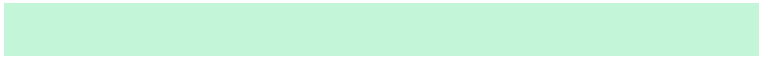
230.4250, -17.1940, 3.2380



228.9830, 25.0330, 3.3770

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



226.7440, -20.4910, -19.6190



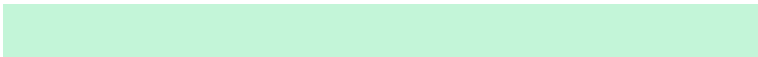
213.2560, 20.4910, 19.6190

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.2030, 18.8420, 10.9540



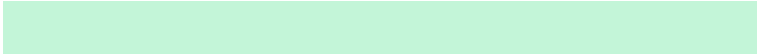
226.7440, -20.4910, -19.6190



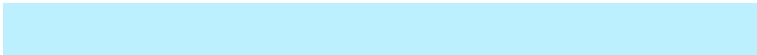
234.9870, 2.0150, 13.0470

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.7440, -20.4910, -19.6190



226.4610, -35.2110, -6.1470



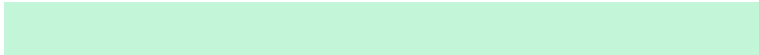
233.9990, 10.9090, 17.0610



230.9090, 27.8770, -4.1150

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.7440, -20.4910, -19.6190



225.0850, -46.0760, -12.9880



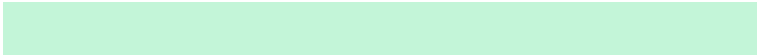
233.9990, 10.9090, 17.0610



229.1940, 23.0610, 6.0770

Sweetspot

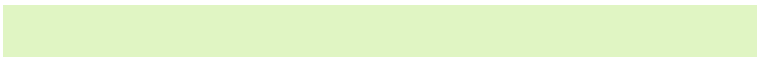
The Sweet Spot groups the original color and five complimentary colors.



226.7440, -20.4910, -19.6190



249.4890, -6.0510, -5.9790



233.0210, 3.5340, -20.0020



124.6250, -3.4380, -3.7740



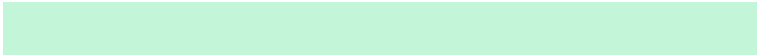
0.0000, 0.0000, 0.0000



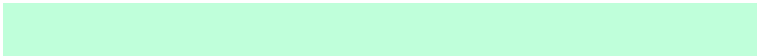
128.0000, -0.0000, -0.0000

Same Dimension

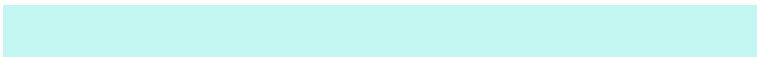
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.7440, -20.4910, -19.6190



231.6460, -26.2670, -25.0750



229.5940, -28.5160, -11.8440



117.6140, -4.9050, -4.7210



118.0740, -76.1880, -73.0200



37.4830, -24.2500, -23.0820

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



213.2560, 20.4910, 19.6190



214.3540, 26.2670, 25.0750



210.4060, 28.5160, 11.8440



114.3860, 4.9050, 4.7210



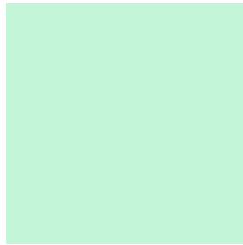
67.9260, 76.1880, 73.0200



21.5170, 24.2500, 23.0820

Previews

White Background



This preview shows how the YIQ color 226.7440, -20.4910, -19.6190 looks on a white background.

Color Contrast Check

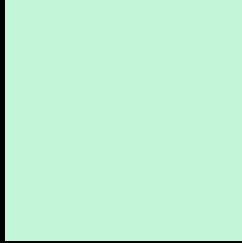
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 226.7440, -20.4910, -19.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

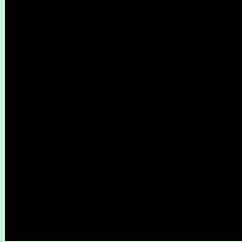
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

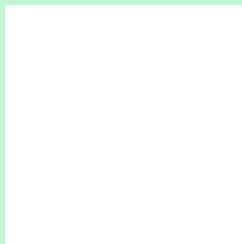
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.7440, -20.4910, -19.6190 Background



This preview shows how black text looks on a background with the YIQ color 226.7440, -20.4910, -19.6190.



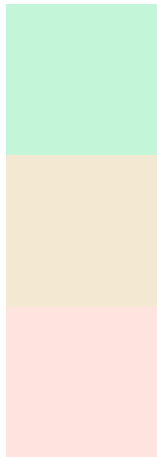
This preview shows how white text looks on a background with the YIQ color 226.7440, -20.4910, -19.6190.

-19.6190.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

226.7440, -20.4910, -19.6190

Protanopia

232.6670, 13.9390, -4.8210

Deuteranopia

234.9160, 17.9720, 4.6920



Tritanopia

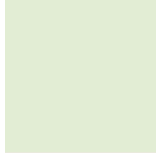
230.6690, -23.9330, -1.2850

Trichromacy



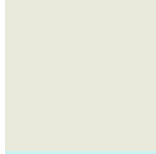
Original Color

226.7440, -20.4910, -19.6190



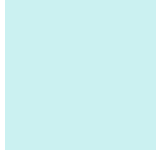
Protanomaly

230.8610, 1.4690, -10.1070



Deuteranomaly

232.1050, 3.8980, -4.5660



Tritanomaly

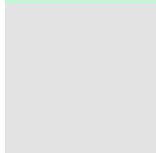
229.6380, -22.6480, -8.0560

Monochromacy



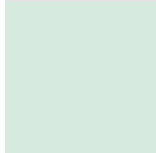
Original Color

226.7440, -20.4910, -19.6190



Achromatopsia

227.0000, -0.0000, -0.0000



Achromatomaly

227.0650, -7.7930, -7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.7440, -20.4910, -19.6190 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 245, 216)` looks like.

```
.text, #text, p{  
    color:rgb(195, 245, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 245, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 245, 216) }
```

Border

The CSS property to change the border of an element to YIQ 226.7440, -20.4910, -19.6190 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

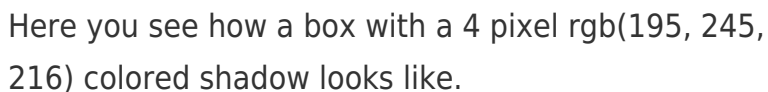
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 245, 216) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 245, 216) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(195, 245, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 245, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 245, 216);  
box-shadow:4px 4px 4px 4px rgb(195, 245,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 226.7440, -20.4910, -19.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 245, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
245, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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