

Converting Colors

YIQ(220.3480, 6.9270, -20.9210)

Have a look what the booklet for
YIQ(220.3480, 6.9270, -20.9210)
contains.

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Color

**YIQ(220.3480, 6.9270,
-20.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E8B1
RGB	214, 232, 177
RGB Percent	84%, 91%, 69%
CMY	0.1609, 0.0901, 0.3058
CMYK	0.08, 0.00, 0.24, 0.09
HSL	80°, 54%, 80%
HSV	80°, 24%, 91%
XYZ	64.5221, 75.1856, 52.7159
YIQ	220.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

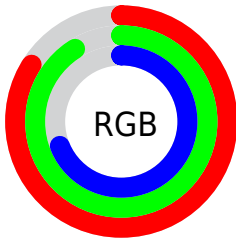
Format	Color
RYB	177, 232, 195
Decimal	14084273
CIELab	89.48, -15.22, 24.82
CIElCh	89, 29.113, 121.522
Yxy	75.1856, 0.3353, 0.3907
Android (android.graphics.Color)	4292274353 (0xFFD6E8B1)
YUV	220.3480, -21.3706, -5.5672
Hunter-Lab	86.7096, -18.9170, 24.6509

Details

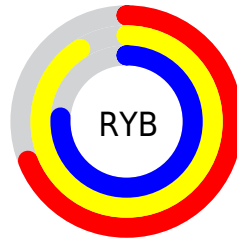
The YIQ color $220.3480, 6.9270, -20.9210$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.6520, -6.9270, 20.9210$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, 7.0620, -6.8420$, and $164.9890, 6.5600, -19.7760$ is the 20% darker color. If you saturate the color by 10%, you get $215.3340, 9.5420, -29.7700$, and if you desaturate by 10%, it is $225.3620, 4.3120, -12.0720$.

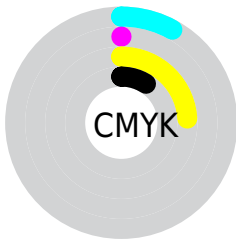
Distribution



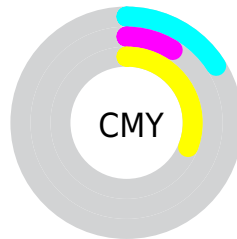
- Red (84%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.3480, 6.9270, -20.9210 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 220.3480, 6.9270, -20.9210 by changing the saturation by 10% instead.


 220.3480, 6.9270,
-20.9210

 220.3480, 6.9270,
-20.9210


255.0000, -0.0000,
-0.0000

 192.4620, 6.6060,
-20.6100


 252.4920, 7.0620,
-6.8420

 164.9890, 6.5600,
-19.7760

 138.8040, 5.6430,
-19.6770

 113.3310, 5.5970,
-18.8430

 88.4450, 5.2760,
-18.5320

 64.6730, 4.6340,
-17.9100

 41.9720, 5.2300,

-17.6980

■ 22.0840, -0.7770,
-13.4570

■ 0.0000, 0.0000,
0.0000

■ 220.3480, 6.9270,
-20.9210

■ 220.3480, 6.9270,
-20.9210

■ 215.3340, 9.5420,
-29.7700

■ 225.3620, 4.3120,
-12.0720

■ 210.6190, 12.7530,
-38.4070

■ 230.0770, 1.1010,
-3.4350

■ 205.4910, 15.6890,
-47.5670

■ 235.2050, -1.8350,
5.7250

■ 200.7760, 18.9000,
-56.2040

■ 238.2100, -0.2310,
9.6970

■ 195.7620, 21.5150,
-65.0530

■ 240.6020, 4.5370,
11.3930

■ 190.7480, 24.1300,
-73.9020

■ 241.4990, 6.3250,
12.0290

■ 186.0330, 27.3410,
-82.5390

■ 182.8280, 29.1760,
-88.2640

Harmonies

Analogous

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



223.1230, 29.8500, -12.3420



220.3480, 6.9270, -20.9210



216.6960, -20.5360, -24.3120

Triad

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



220.3480, 6.9270, -20.9210



214.5560, -51.7160, -9.8920



222.1160, 23.7010, 16.5090

Complementary

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



220.3480, 6.9270, -20.9210



188.6520, -6.9270, 20.9210

Split Complementary

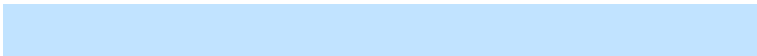
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6560, 13.6130, 23.1250



220.3480, 6.9270, -20.9210



220.0260, -29.2520, 1.5000

Square

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



220.3480, 6.9270, -20.9210



213.0770, -60.7930, -16.0970



225.5180, -3.8540, 14.7860



220.2120, 31.8180, 7.0660

Rectangle

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



220.3480, 6.9270, -20.9210



214.2410, -38.1880, -23.7880



225.5180, -3.8540, 14.7860



223.8430, 20.2160, 19.0960

Sweetspot

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



220.3480, 6.9270, -20.9210



251.1540, 2.2020, -6.8700



203.4240, 28.1050, 2.7690



125.5500, 1.1470, -4.2690



0.0000, 0.0000, 0.0000



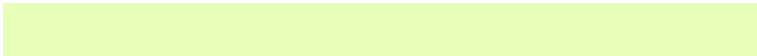
128.0000, -0.0000, -0.0000

Same Dimension

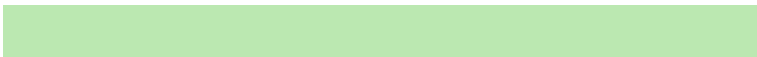
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.3480, 6.9270, -20.9210



240.0290, 9.0830, -26.9570



212.2750, -9.1650, -26.6450



112.4360, 1.4680, -4.5800



140.9530, 22.2950, -68.1770



40.1030, 6.2390, -19.4650

Inverse Universe

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



188.6520, -6.9270, 20.9210



198.9710, -9.0830, 26.9570



196.7250, 9.1650, 26.6450



105.5640, -1.4680, 4.5800



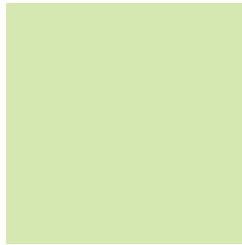
38.0470, -22.2950, 68.1770



10.8970, -6.2390, 19.4650

Previews

White Background



This preview shows how the YIQ color 220.3480, 6.9270, -20.9210 looks on a white background.

Color Contrast Check

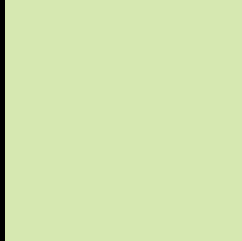
Large Text (above 18pt) WCAG AA × Fail

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 220.3480, 6.9270, -20.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

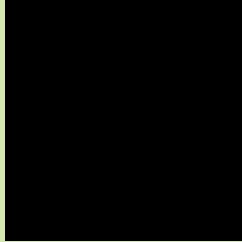
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

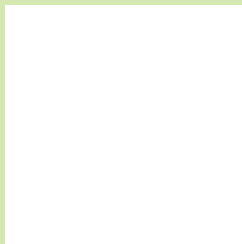
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.3480, 6.9270, -20.9210

Background



This preview shows how black text looks on a background with the YIQ color 220.3480, 6.9270, -20.9210.



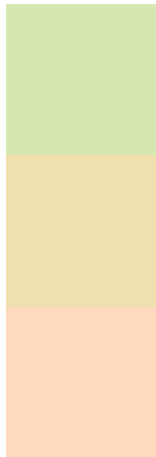
This preview shows how white text looks on a background with the YIQ color 220.3480, 6.9270, -20.9210.

-20.9210.

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

220.3480, 6.9270, -20.9210

Protanopia

222.9700, 25.9070, -12.4690

Deuteranopia

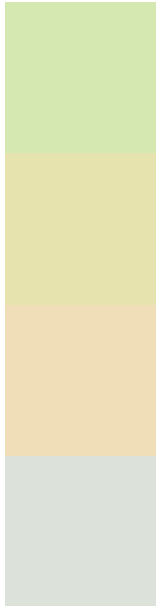
225.2840, 31.3150, -0.3410



Tritanopia

225.0520, -5.7780, 5.5980

Trichromacy



Original Color

220.3480, 6.9270, -20.9210

Protanomaly

222.1540, 19.3970, -15.6350

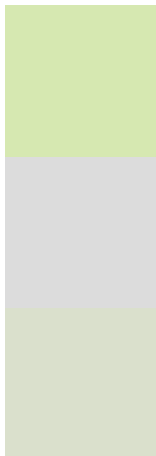
Deuteranomaly

223.1640, 22.6050, -7.6910

Tritanomaly

223.2940, -1.0080, -3.7600

Monochromacy



Original Color

220.3480, 6.9270, -20.9210

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9260, 2.8440, -7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.3480, 6.9270, -20.9210 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(214, 232, 177)` looks like.

```
.text, #text, p{  
    color:rgb(214, 232, 177)  
}
```

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(214, 232, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 232, 177) }
```

Border

The CSS property to change the border of an element to YIQ 220.3480, 6.9270, -20.9210 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(214, 232, 177) }
```


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

```
.border{ border-color:rgb(214, 232, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 232, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 232, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 232, 177);  
box-shadow:4px 4px 4px 4px rgb(214, 232,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 220.3480, 6.9270, -20.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 232, 177) }
```

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

```
.background{ background-color: rgb(214,  
232, 177) }
```

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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