

Converting Colors

YIQ(219.7290, -24.1620,
-2.6420)

Have a look what the booklet for
YIQ(219.7290, -24.1620, -2.6420)
contains.

YIQ(219.7290, -24.1620, -2.6420)	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(219.7290, -24.1620,
-2.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E4F2
RGB	195, 228, 242
RGB Percent	76%, 89%, 95%
CMY	0.2354, 0.1058, 0.0511
CMYK	0.19, 0.06, 0.00, 0.05
HSL	198°, 64%, 86%
HSV	198°, 19%, 95%
XYZ	66.2712, 73.5034, 94.6777
YIQ	219.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

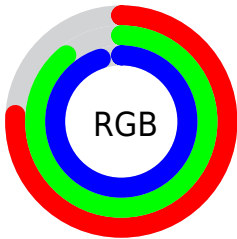
Format	Color
R _Y B	195, 214, 242
Decimal	12838130
CIE Lab	88.69, -7.87, -10.40
CIE LCh	89, 13.041, 232.885
Yxy	73.5034, 0.2827, 0.3135
Android (android.graphics.Color)	4291028210 (0xFFC3E4F2)
YUV	219.7290, 10.9796, -21.6873
Hunter-Lab	85.7341, -12.0567, -5.4611

Details

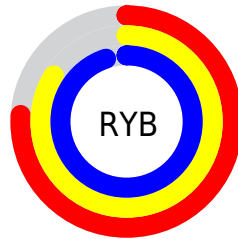
The YIQ color $219.7290, -24.1620, -2.6420$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.2710, 24.1620, 2.6420$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, -1.7880, -0.6360$, and $164.9140, -23.2450, -2.7410$ is the 20% darker color. If you saturate the color by 10%, you get $208.4440, -36.5410, -4.0690$, and if you desaturate by 10%, it is $231.0140, -11.7830, -1.2150$.

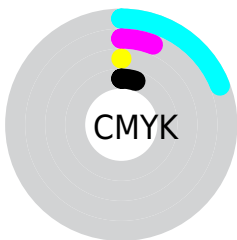
Distribution



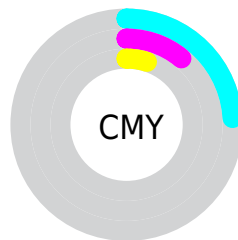
- Red (76%)
- Green (89%)
- Blue (95%)



- Red (76%)
- Yellow (84%)
- Blue (95%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.7290, -24.1620, -2.6420 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 219.7290, -24.1620, -2.6420 by changing the saturation by 10% instead.

■ 219.7290,
-24.1620, -2.6420

■ 219.7290,
-24.1620, -2.6420

■ 255.0000, -0.0000,
-0.0000

■ 191.7290,
-24.1620, -2.6420

■ 254.1030, -1.7880,
-0.6360

■ 164.9140,
-23.2450, -2.7410

■ 138.2130,
-22.6490, -2.5290

■ 112.2130,
-22.6490, -2.5290

■ 88.0990, -22.3280,
-2.8400

■ 63.9850, -22.0070,
-3.1510

■ 40.6860, -22.6030,

-3.3630

■ 20.7680, -19.8980,
-2.8260

■ 2.6390, -6.0530,
5.0750

■ 219.7290,
-24.1620, -2.6420

■ 219.7290,
-24.1620, -2.6420

■ 208.4440,
-36.5410, -4.0690

■ 231.0140,
-11.7830, -1.2150

■ 197.1590,
-48.9200, -5.4960

■ 242.2990, 0.5960,
0.2120

■ 184.9880,
-61.6200, -6.6120

■ 250.5830, 5.5480,
-1.4280

■ 173.7030,
-73.9990, -8.0390

■ 253.5180, 4.1730,
-4.0430

■ 162.4180,
-86.3780, -9.4660

■ 151.1330,
-98.7570, -10.8930

■ 139.8480,
-111.1360, -12.3200

■ 128.2640,
-124.1110, -13.9590

■ 127.3780,
-124.4320, -13.6480

Harmonies

Analogous

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



218.8660, -23.2900, -7.4340



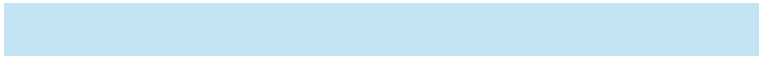
219.7290, -24.1620, -2.6420



221.8270, -18.3860, 2.8140

Triad

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



219.7290, -24.1620, -2.6420



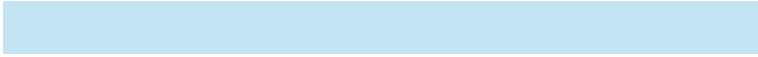
225.5230, 14.9450, 9.9930



221.2530, 6.2370, -8.4110

Complementary

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



219.7290, -24.1620, -2.6420



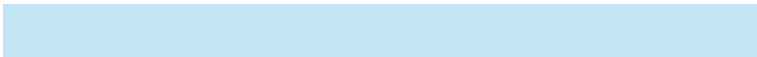
217.2710, 24.1620, 2.6420

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.



222.8630, 16.3230, -3.9730



219.7290, -24.1620, -2.6420



225.2370, 21.5020, 6.7980

Square

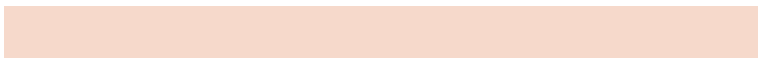
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.7290, -24.1620, -2.6420



225.0750, 4.5830, 10.5590



224.0750, 21.7780, 1.7940



219.6260, -5.1790, -10.7710

Rectangle

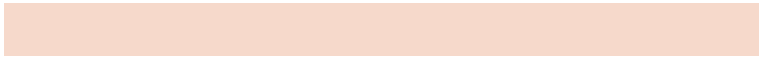
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



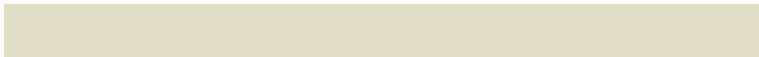
219.7290, -24.1620, -2.6420



223.0560, -11.6010, 6.5030



224.0750, 21.7780, 1.7940



221.3460, 10.4090, -6.9270

Sweetspot

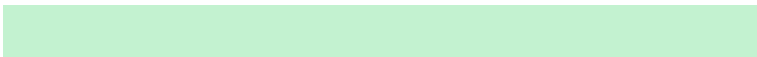
The Sweet Spot groups the original color and five complimentary colors.



219.7290, -24.1620, -2.6420



247.5800, -7.5650, -0.5650



224.0710, -17.0980, -20.5380



123.5480, -4.5390, -0.3390



0.0000, 0.0000, 0.0000



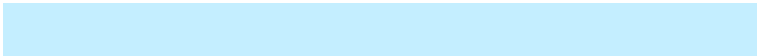
128.0000, -0.0000, -0.0000

Same Dimension

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



219.7290, -24.1620, -2.6420



227.3800, -30.4890, -3.6170



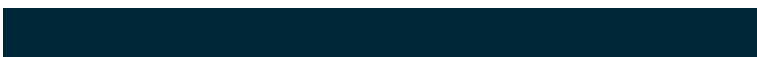
206.2280, -17.8370, 9.3870



114.0640, -6.0520, -0.4520



96.6990, -94.5390, -10.2430



29.2770, -28.7010, -2.9810

Inverse Universe

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



212.8150, 17.4190, 20.2270



218.4290, 21.6820, 25.5700



230.7720, 17.8370, -9.3870



112.5000, 4.5840, 5.0320



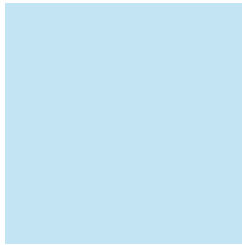
69.7220, 68.2550, 79.1270



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 219.7290, -24.1620, -2.6420 looks on a white background.

Color Contrast Check

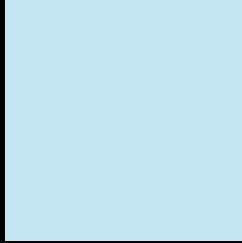
Large Text (above 18pt) WCAG AA × Fail

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 219.7290, -24.1620, -2.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

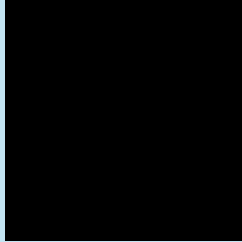
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.7290, -24.1620, -2.6420

Background



This preview shows how black text looks on a background with the YIQ color 219.7290, -24.1620, -2.6420.



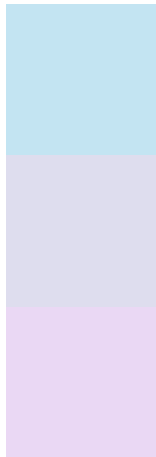
This preview shows how white text looks on a background with the YIQ color 219.7290, -24.1620, -2.6420.

-2.6420.

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

219.7290, -24.1620, -2.6420

Protanopia

223.2370, -4.8610, 5.4990

Deuteranopia

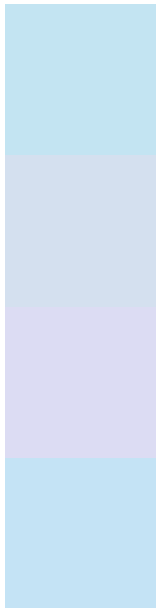
224.5740, 1.7400, 12.5240



Tritanopia

219.8970, -24.5750, -0.6630

Trichromacy



Original Color

219.7290, -24.1620, -2.6420

Protanomaly

222.1220, -11.9670, 2.1210

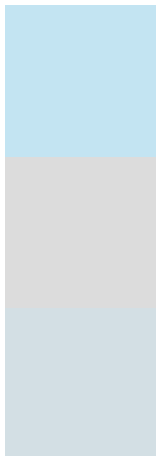
Deuteranomaly

222.6220, -7.3830, 7.1530

Tritanomaly

219.7830, -24.2540, -0.9740

Monochromacy



Original Color

219.7290, -24.1620, -2.6420

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.7290, -24.1620, -2.6420 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, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(195, 228, 242)  
}
```

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, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 228, 242) }
```

Border

The CSS property to change the border of an element to YIQ 219.7290, -24.1620, -2.6420 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, 228, 242) }
```


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

```
.border{ border-color:rgb(195, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(195, 228,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 219.7290, -24.1620, -2.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 228, 242) }
```

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

```
.background{ background-color: rgb(195,  
228, 242) }
```

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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