

Converting Colors

YIQ(220.4950, -6.1880, -9.0040)

Have a look what the booklet for
YIQ(220.4950, -6.1880, -9.0040)
contains.

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Color

**YIQ(220.4950, -6.1880,
-9.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E4D4
RGB	209, 228, 212
RGB Percent	82%, 89%, 83%
CMY	0.1804, 0.1058, 0.1686
CMYK	0.08, 0.00, 0.07, 0.11
HSL	129°, 26%, 86%
HSV	129°, 8%, 89%
XYZ	65.9194, 73.7977, 73.0554
YIQ	220.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

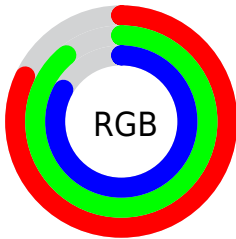
Format	Color
RYB	209, 225, 228
Decimal	13755604
CIELab	88.83, -9.26, 5.65
CIELCh	89, 10.843, 148.618
Yxy	73.7977, 0.3098, 0.3468
Android (android.graphics.Color)	4291945684 (0xFFD1E4D4)
YUV	220.4950, -4.1880, -10.0811
Hunter-Lab	85.9056, -13.3635, 9.7129

Details

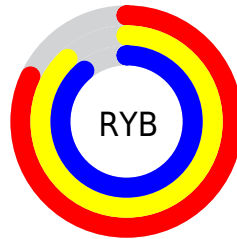
The YIQ color $220.4950, -6.1880, -9.0040$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $216.5050, 6.1880, 9.0040$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.7940, -5.5920, -8.7920$ is the 20% darker color. If you saturate the color by 10%, you get $211.4520, -13.7970, -19.7890$, and if you desaturate by 10%, it is $229.5380, 1.4210, 1.7810$.

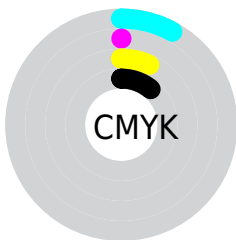
Distribution



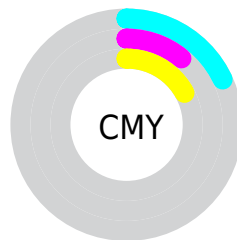
- Red (82%)
- Green (89%)
- Blue (83%)



- Red (82%)
- Yellow (88%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.4950, -6.1880, -9.0040 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 220.4950, -6.1880, -9.0040 by changing the saturation by 10% instead.

■ 220.4950, -6.1880,
-9.0040

■ 220.4950, -6.1880,
-9.0040

255.0000, -0.0000,
-0.0000

■ 192.4950, -6.1880,
-9.0040

■ 165.7940, -5.5920,
-8.7920

■ 138.9080, -5.9130,
-8.4810

■ 113.3210, -5.6380,
-7.9580

■ 89.3210, -5.6380,
-7.9580

■ 65.7340, -5.3630,
-7.4350

■ 43.1470, -5.0880,

-6.9120

■ 22.5600, -4.8130,
-6.3890

■ 0.0000, 0.0000,
0.0000

■ 220.4950, -6.1880,
-9.0040

■ 220.4950, -6.1880,
-9.0040

■ 211.4520,
-13.7970, -19.7890

■ 229.5380, 1.4210,
1.7810

■ 202.4090,
-21.4060, -30.5740

■ 238.5810, 9.0300,
12.5660

■ 193.5510,
-28.0980, -41.4580

■ 239.1510, 7.4250,
14.1210

■ 184.5080,
-35.7070, -52.2430

■ 175.4650,
-43.3160, -63.0280

■ 166.4220,
-50.9250, -73.8130

■ 157.3790,
-58.5340, -84.5980

■ 148.5210,
-65.2260, -95.4820

■ 139.4780,
-72.8350, -106.2670

Harmonies

Analogous

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



221.5240, 4.0360, -7.0680



220.4950, -6.1880, -9.0040



219.5310, -15.0370, -8.3250

Triad

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



220.4950, -6.1880, -9.0040



222.5780, -13.2510, 3.3650



225.3290, 18.2470, 5.2150

Complementary

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



220.4950, -6.1880, -9.0040



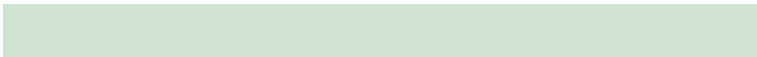
216.5050, 6.1880, 9.0040

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.



225.2840, 14.1200, 8.4240



220.4950, -6.1880, -9.0040



224.4760, -4.0360, 7.0680

Square

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



220.4950, -6.1880, -9.0040



221.0070, -19.0730, -1.2570



225.2060, 5.5920, 8.7920



224.0960, 17.2850, 0.6210

Rectangle

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



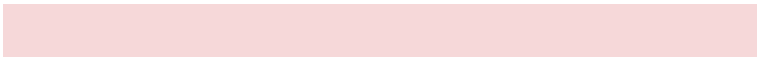
220.4950, -6.1880, -9.0040



219.7310, -18.4760, -6.5720



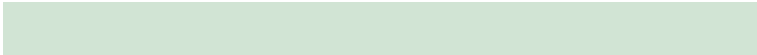
225.2060, 5.5920, 8.7920



225.0840, 17.5590, 6.6710

Sweetspot

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



220.4950, -6.1880, -9.0040



251.9240, -2.8420, -3.5620



224.9370, 4.3110, -6.5450



125.6360, -1.9710, -2.8270



0.0000, 0.0000, 0.0000



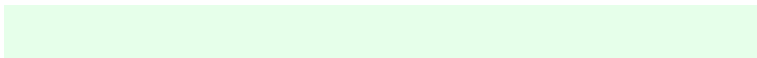
128.0000, -0.0000, -0.0000

Same Dimension

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



220.4950, -6.1880, -9.0040



245.1310, -8.1590, -11.8310



221.5210, -9.0770, -6.2050



110.2720, -3.9420, -5.6540



108.2650, -58.2130, -84.9090



30.8490, -16.5930, -24.1850

Inverse Universe

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



216.5050, 6.1880, 9.0040



239.8690, 8.1590, 11.8310



215.4790, 9.0770, 6.2050



107.7280, 3.9420, 5.6540



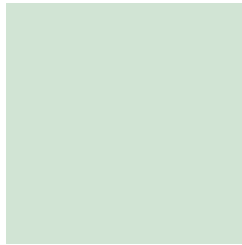
70.6210, 58.5340, 84.5980



20.1510, 16.5930, 24.1850

Previews

White Background



This preview shows how the YIQ color 220.4950, -6.1880, -9.0040 looks on a white background.

Color Contrast Check

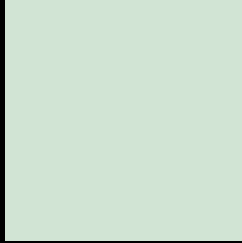
Large Text (above 18pt) WCAG AA × Fail

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 220.4950, -6.1880, -9.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

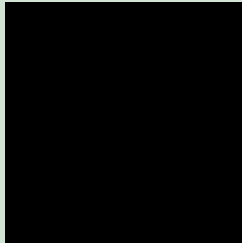
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

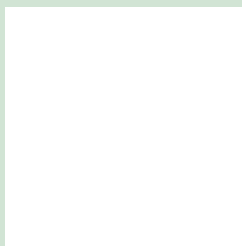
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.4950, -6.1880, -9.0040

Background



This preview shows how black text looks on a background with the YIQ color 220.4950, -6.1880, -9.0040.



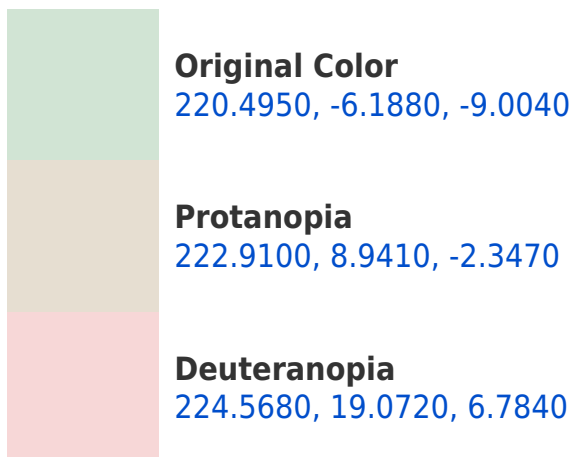
This preview shows how white text looks on a background with the YIQ color 220.4950, -6.1880,

-9.0040.

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





Tritanopia

222.9480, -11.4170, 3.1670

Trichromacy



Original Color

220.4950, -6.1880, -9.0040

Protanomaly

221.8060, 3.3020, -4.7780

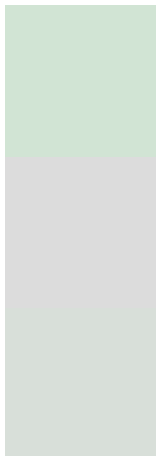
Deuteranomaly

223.2030, 9.6740, 0.8900

Tritanomaly

221.6830, -9.3530, -1.2010

Monochromacy



Original Color

220.4950, -6.1880, -9.0040

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.4950, -6.1880, -9.0040 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(209, 228, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 228, 212)  
}
```

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(209, 228, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 212) }
```

Border

The CSS property to change the border of an element to YIQ 220.4950, -6.1880, -9.0040 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(209, 228, 212) }
```


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

```
.border{ border-color:rgb(209, 228, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 228, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 220.4950, -6.1880, -9.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 228, 212) }
```

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

```
.background{ background-color: rgb(209,  
228, 212) }
```

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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