

Converting Colors

YIQ(212.5280, -1.7870, -6.1630)

Have a look what the booklet for
YIQ(212.5280, -1.7870, -6.1630)
contains.

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Color

**YIQ(212.5280, -1.7870,
-6.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD9CC
RGB	207, 217, 204
RGB Percent	81%, 85%, 80%
CMY	0.1883, 0.1490, 0.2000
CMYK	0.05, 0.00, 0.06, 0.15
HSL	106°, 15%, 83%
HSV	106°, 6%, 85%
XYZ	61.4430, 67.2518, 66.8697
YIQ	212.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

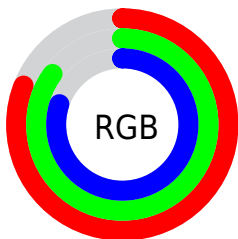
Format	Color
R _Y B	204, 217, 214
Decimal	13621708
CIE Lab	85.63, -5.74, 5.22
CIE LCh	86, 7.758, 137.670
Yxy	67.2518, 0.3142, 0.3439
Android (android.graphics.Color)	4291811788 (0xFFCFD9CC)
YUV	212.5280, -4.2043, -4.8481
Hunter-Lab	82.0072, -9.7734, 9.0592

Details

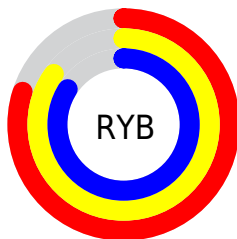
The YIQ color $212.5280, -1.7870, -6.1630$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $208.4720, 1.7870, 6.1630$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.9410, -1.5120, -5.6400$ is the 20% darker color. If you saturate the color by 10%, you get $204.9370, -4.8570, -16.6090$, and if you desaturate by 10%, it is $220.1190, 1.2830, 4.2830$.

Distribution



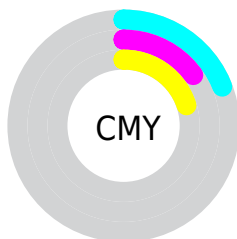
- Red (81%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5280, -1.7870, -6.1630 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 212.5280, -1.7870, -6.1630 by changing the saturation by 10% instead.

■ 212.5280, -1.7870,
-6.1630

■ 212.5280, -1.7870,
-6.1630

255.0000, -0.0000,
-0.0000

■ 184.6420, -2.1080,
-5.8520

■ 157.9410, -1.5120,
-5.6400

■ 131.9410, -1.5120,
-5.6400

■ 106.9410, -1.5120,
-5.6400

■ 82.3540, -1.2370,
-5.1170

■ 59.4680, -1.5580,
-4.8060

■ 37.4680, -1.5580,

-4.8060

■ 16.8270, -1.1910,
-5.9510

■ 0.0000, 0.0000,
0.0000

■ 212.5280, -1.7870,
-6.1630

■ 212.5280, -1.7870,
-6.1630

■ 204.9370, -4.8570,
-16.6090

■ 220.1190, 1.2830,
4.2830

■ 197.7590, -7.6520,
-26.5320

■ 227.2970, 4.0780,
14.2060

■ 190.1680,
-10.7220, -36.9780

■ 232.6940, 10.4500,
19.8740

■ 182.5770,
-13.7920, -47.4240

■ 174.9860,
-16.8620, -57.8700

■ 167.8080,
-19.6570, -67.7930

■ 160.2170,
-22.7270, -78.2390

■ 152.6260,
-25.7970, -88.6850

■ 145.4480,
-28.5920, -98.6080

Harmonies

Analogous

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



213.5890, 5.4110, -4.4530



212.5280, -1.7870, -6.1630



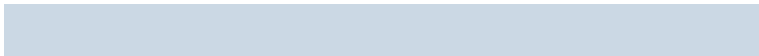
211.8200, -8.4810, -5.9930

Triad

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



212.5280, -1.7870, -6.1630



213.4810, -11.6000, 0.9760



215.3930, 12.1950, 4.7630

Complementary

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



212.5280, -1.7870, -6.1630



208.4720, 1.7870, 6.1630

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.



215.2940, 8.1600, 6.3040



212.5280, -1.7870, -6.1630



214.4110, -5.4110, 4.4530

Square

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



212.5280, -1.7870, -6.1630



212.8180, -14.1670, -2.0630



215.4720, 1.7870, 6.1630



214.8830, 13.5710, 1.8510

Rectangle

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



212.5280, -1.7870, -6.1630



212.0800, -12.1490, -5.5970



215.4720, 1.7870, 6.1630



215.6210, 11.5530, 5.3850

Sweetspot

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



212.5280, -1.7870, -6.1630



253.2340, -0.7790, -2.4030



213.7570, 4.9980, -2.4740



127.0600, -0.2290, -1.3570



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.



212.5280, -1.7870, -6.1630



248.7620, -2.5660, -8.5660



211.9730, -4.5380, -5.8660



106.8810, -1.2830, -4.2830



113.5110, -23.7350, -81.9990



30.2910, -6.0940, -21.7260

Inverse Universe

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



208.4720, 1.7870, 6.1630



243.2380, 2.5660, 8.5660



209.0270, 4.5380, 5.8660



104.1190, 1.2830, 4.2830



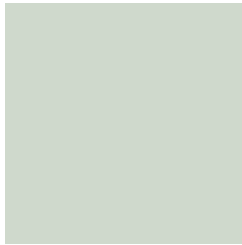
59.7880, 24.3310, 82.2110



15.7090, 6.0940, 21.7260

Previews

White Background



This preview shows how the YIQ color 212.5280, -1.7870, -6.1630 looks on a white background.

Color Contrast Check

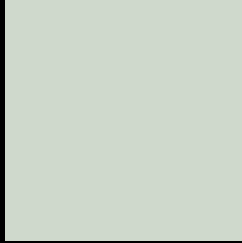
Large Text (above 18pt) WCAG AA × Fail

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 212.5280, -1.7870, -6.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

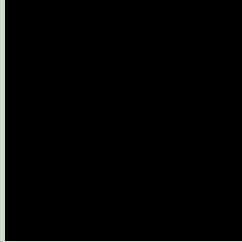
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

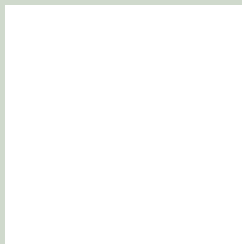
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.5280, -1.7870, -6.1630

Background



This preview shows how black text looks on a background with the YIQ color 212.5280, -1.7870, -6.1630.



This preview shows how white text looks on a background with the YIQ color 212.5280, -1.7870,

-6.1630.

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

212.5280, -1.7870, -6.1630

Protanopia

213.8390, 7.7030, -1.9370

Deuteranopia

215.8560, 18.2010, 6.0490



Tritanopia

214.3400, -6.6490, 4.8630

Trichromacy



Original Color

212.5280, -1.7870, -6.1630

Protanomaly

213.0450, 4.1270, -3.2090

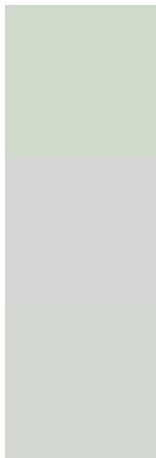
Deuteranomaly

214.8010, 10.8660, 1.3140

Tritanomaly

213.6020, -4.6310, 1.3290

Monochromacy



Original Color

212.5280, -1.7870, -6.1630

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.6470, -0.5040, -1.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5280, -1.7870, -6.1630 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(207, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 204)  
}
```

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(207, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 204) }
```

Border

The CSS property to change the border of an element to YIQ 212.5280, -1.7870, -6.1630 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(207, 217, 204) }
```


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

```
.border{ border-color:rgb(207, 217, 204) }
```

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

Here you see how a box with a 4 pixel rgb(207, 217, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 217,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5280, -1.7870, -6.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 204) }
```

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

```
.background{ background-color: rgb(207,  
217, 204) }
```

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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