

Converting Colors

YIQ(206.6450, 1.8370, -16.7790)

Have a look what the booklet for
YIQ(206.6450, 1.8370, -16.7790)
contains.

YIQ(206.6450, 1.8370, -16.7790)	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(206.6450, 1.8370,
-16.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D9B0
RGB	198, 217, 176
RGB Percent	78%, 85%, 69%
CMY	0.2236, 0.1490, 0.3098
CMYK	0.09, 0.00, 0.19, 0.15
HSL	88°, 35%, 77%
HSV	88°, 19%, 85%
XYZ	55.9363, 64.7681, 50.6328
YIQ	206.6450, 1.8370, -16.7790

Conversions

Conversions Part 2

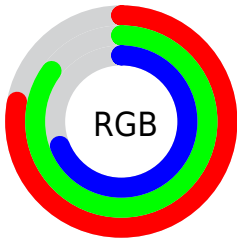
Format	Color
R _{YB}	176, 217, 195
Decimal	13031856
CIE _{Lab}	84.36, -13.60, 18.09
CIE _{LCh}	84, 22.632, 126.924
Yxy	64.7681, 0.3265, 0.3780
Android (android.graphics.Color)	4291221936 (0xFFC6D9B0)
YUV	206.6450, -15.1080, -7.5817
Hunter-Lab	80.4786, -16.7720, 19.0330

Details

The YIQ color $206.6450, 1.8370, -16.7790$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.3550, -1.8370, 16.7790$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $152.1720, 1.7910, -15.9450$ is the 20% darker color. If you saturate the color by 10%, you get $201.1470, 2.9390, -25.7410$, and if you desaturate by 10%, it is $212.1430, 0.7350, -7.8170$.

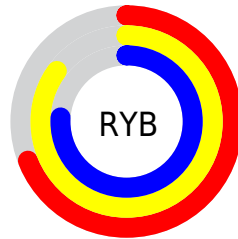
Distribution



Red (78%)

Green (85%)

Blue (69%)



Red (69%)

Yellow (85%)

Blue (76%)

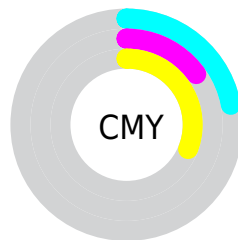


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6450, 1.8370, -16.7790 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 206.6450, 1.8370, -16.7790 by changing the saturation by 10% instead.

■ 206.6450, 1.8370,
-16.7790

■ 206.6450, 1.8370,
-16.7790

255.0000, -0.0000,
-0.0000

■ 179.0580, 2.1120,
-16.2560

■ 252.3780, 7.3830,
-7.1530

■ 152.1720, 1.7910,
-15.9450

■ 126.2860, 1.4700,
-15.6340

■ 101.4000, 1.1490,
-15.3230

■ 76.9270, 1.1030,
-14.4890

■ 54.1550, 0.4610,
-13.8670

■ 32.2260, 1.6990,

-14.2770

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 206.6450, 1.8370,
-16.7790

■ 206.6450, 1.8370,
-16.7790

■ 201.1470, 2.9390,
-25.7410

■ 212.1430, 0.7350,
-7.8170

■ 195.7630, 3.7200,
-34.3920

■ 217.5270, -0.0460,
0.8340

■ 190.2650, 4.8220,
-43.3540

■ 223.0250, -1.1480,
9.7960

■ 184.7670, 5.9240,
-52.3160

■ 227.6110, 0.3180,
16.2700

■ 179.3830, 6.7050,
-60.9670

■ 230.6010, 6.2780,
18.3900

■ 173.8850, 7.8070,
-69.9290

■ 232.6940, 10.4500,
19.8740

■ 168.0880, 8.3130,
-79.1030

■ 162.5900, 9.4150,
-88.0650

■ 162.0630, 9.4610,
-88.8990

Harmonies

Analogous

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



209.3870, 20.3590, -11.0410



206.6450, 1.8370, -16.7790



203.7550, -19.0240, -18.6720

Triad

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



206.6450, 1.8370, -16.7790



205.6980, -40.0720, -0.6480



213.8950, 31.6330, 15.9290

Complementary

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



206.6450, 1.8370, -16.7790



186.3550, -1.8370, 16.7790

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.



214.8750, 17.1900, 18.8700



206.6450, 1.8370, -16.7790



210.1070, -24.8060, 9.0340

Square

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



206.6450, 1.8370, -16.7790



202.8510, -45.2970, -10.5850



213.1700, -2.7540, 16.8780



213.0770, 36.6320, 7.9280

Rectangle

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



206.6450, 1.8370, -16.7790



202.6380, -31.8160, -18.1200



213.1700, -2.7540, 16.8780



214.7960, 27.5980, 17.4700

Sweetspot

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



206.6450, 1.8370, -16.7790



251.1970, 0.6430, -6.1490



198.8250, 19.4860, -0.7220



125.4790, -0.0910, -3.8590



0.0000, 0.0000, 0.0000



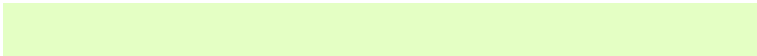
128.0000, -0.0000, -0.0000

Same Dimension

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



206.6450, 1.8370, -16.7790



240.2010, 2.8470, -24.0730



200.6650, -10.0830, -21.0190



107.2510, 0.5510, -4.4810



129.3580, 7.8530, -70.7630



34.4770, 2.2500, -18.7580

Inverse Universe

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



186.3550, -1.8370, 16.7790



211.0980, -2.2510, 24.2850



192.3350, 10.0830, 21.0190



101.7490, -0.5510, 4.4810



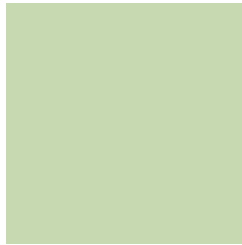
43.6420, -7.8530, 70.7630



11.5230, -2.2500, 18.7580

Previews

White Background



This preview shows how the YIQ color 206.6450, 1.8370, -16.7790 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 206.6450, 1.8370, -16.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

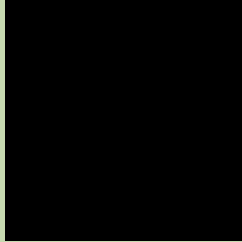
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.6450, 1.8370, -16.7790

Background



This preview shows how black text looks on a background with the YIQ color 206.6450, 1.8370, -16.7790.



This preview shows how white text looks on a background with the YIQ color 206.6450, 1.8370, -16.7790.

-16.7790.

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

206.6450, 1.8370, -16.7790

Protanopia

209.2560, 19.3500, -9.2740

Deuteranopia

211.3380, 31.2230, 1.3270



Tritanopia

210.7420, -7.8410, 4.4390

Trichromacy



Original Color

206.6450, 1.8370, -16.7790

Protanomaly

208.4400, 12.8400, -12.4400

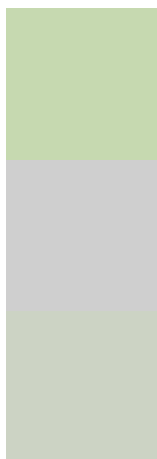
Deuteranomaly

209.3750, 20.6330, -4.9910

Tritanomaly

209.4400, -4.3550, -3.6750

Monochromacy



Original Color

206.6450, 1.8370, -16.7790

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.1970, 0.6430, -6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6450, 1.8370, -16.7790 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(198, 217, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 217, 176)  
}
```

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(198, 217, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 217, 176) }
```

Border

The CSS property to change the border of an element to YIQ 206.6450, 1.8370, -16.7790 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(198, 217, 176) }
```


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

```
.border{ border-color:rgb(198, 217, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 217, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 217, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 217, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 217,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6450, 1.8370, -16.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 217, 176) }
```

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

```
.background{ background-color: rgb(198,  
217, 176) }
```

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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