

Converting Colors

YIQ(180.4870, -2.5690, 8.0150)

Have a look what the booklet for
YIQ(180.4870, -2.5690, 8.0150)
contains.

YIQ(180.4870, -2.5690, 8.0150)	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(180.4870, -2.5690,
8.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B0C5
RGB	183, 176, 197
RGB Percent	72%, 69%, 77%
CMY	0.2823, 0.3098, 0.2275
CMYK	0.07, 0.11, 0.00, 0.23
HSL	260°, 15%, 73%
HSV	260°, 11%, 77%
XYZ	45.1323, 45.1487, 59.1551
YIQ	180.4870, -2.5690, 8.0150

Conversions

Conversions Part 2

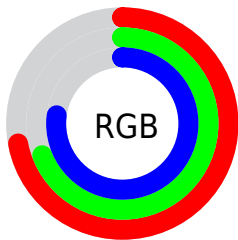
Format	Color
R_{YB}	183, 176, 197
Decimal	12038341
CIE _{Lab}	72.99, 6.50, -9.76
CIE _{LCh}	73, 11.732, 303.663
Yxy	45.1487, 0.3020, 0.3021
Android (android.graphics.Color)	4290228421 (0xFFB7B0C5)
YUV	180.4870, 8.1409, 2.2039
Hunter-Lab	67.1927, 2.3083, -5.1628

Details

The YIQ color $180.4870, -2.5690, 8.0150$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.5130, 2.5690, -8.0150$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.6010, -2.8900, 8.3260$, and $127.9600, -2.5230, 7.1810$ is the 20% darker color. If you saturate the color by 10%, you get $164.8600, -4.8170, 15.7190$, and if you desaturate by 10%, it is $196.1140, -0.3210, 0.3110$.

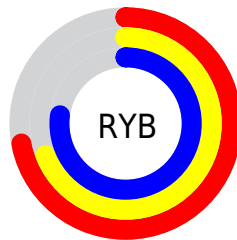
Distribution



Red (72%)

Green (69%)

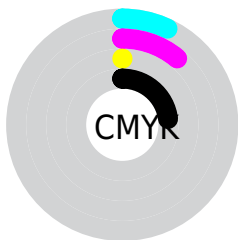
Blue (77%)



Red (72%)

Yellow (69%)

Blue (77%)

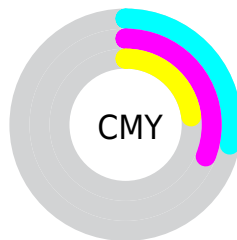


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (28%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.4870, -2.5690, 8.0150 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 180.4870, -2.5690, 8.0150 by changing the saturation by 10% instead.

■ 180.4870, -2.5690,
8.0150

■ 180.4870, -2.5690,
8.0150

■ 255.0000, -0.0000,
-0.0000

■ 153.4870, -2.5690,
8.0150

■ 236.6010, -2.8900,
8.3260

■ 127.9600, -2.5230,
7.1810

■ 102.9600, -2.5230,
7.1810

■ 78.8460, -2.2020,
6.8700

■ 55.7320, -1.8810,
6.5590

■ 34.3190, -2.1560,
6.0360

■ 11.8570, -0.7350,

7.8170

■ 0.0000, 0.0000,
0.0000

■ 180.4870, -2.5690,
8.0150

■ 180.4870, -2.5690,
8.0150

■ 164.8600, -4.8170,
15.7190

■ 196.1140, -0.3210,
0.3110

■ 149.8200, -7.3400,
22.9000

■ 211.1540, 2.2020,
-6.8700

■ 134.1930, -9.5880,
30.6040

■ 226.7810, 4.4500,
-14.5740

■ 118.5660,
-11.8360, 38.3080

■ 242.7070, 7.2940,
-22.0660

■ 103.2270,
-14.9550, 45.2770

■ 246.5940, 15.0420,
-19.3100

■ 87.6000, -17.2030,
52.9810

■ 248.3880, 18.6180,
-18.0380

■ 71.9730, -19.4510,
60.6850

■ 56.3460, -21.6990,
68.3890

■ 42.1920, -23.9010,
75.2590

Harmonies

Analogous

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



178.9910, -12.9760, 3.8880



180.4870, -2.5690, 8.0150



181.4020, 7.9760, 9.6400

Triad

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



180.4870, -2.5690, 8.0150



179.8680, 17.9270, -0.0010



175.7480, -17.1460, -8.6500

Complementary

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



180.4870, -2.5690, 8.0150



192.5130, 2.5690, -8.0150

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.



176.5980, -7.9760, -9.6400



180.4870, -2.5690, 8.0150



178.9980, 11.5090, -4.8350

Square

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



180.4870, -2.5690, 8.0150



181.1010, 18.8890, 4.5930



177.2140, 1.9730, -8.2270



175.8170, -21.5940, -5.1300

Rectangle

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



180.4870, -2.5690, 8.0150



181.5120, 13.4780, 9.0460



177.2140, 1.9730, -8.2270



175.3030, -14.3950, -8.9470

Sweetspot

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



180.4870, -2.5690, 8.0150



248.8090, -0.7800, 3.1240



186.6120, -10.5910, -0.7910



123.2820, -0.7340, 2.2900



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.



180.4870, -2.5690, 8.0150



229.0510, -4.0370, 12.5950



183.4770, 3.3910, 10.1350



91.9230, -1.1010, 3.4350



34.7280, -20.1390, 62.1410



7.6920, -4.4040, 13.7400

Inverse Universe

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



183.8750, 8.0220, 8.8060



234.3750, 12.6060, 13.8380



189.5230, -3.3910, -10.1350



93.3750, 3.4380, 3.7740



61.1630, 62.1590, 68.4550



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 180.4870, -2.5690, 8.0150 looks on a white background.

Color Contrast Check

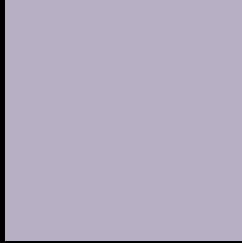
Large Text (above 18pt) WCAG AA × Fail

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 180.4870, -2.5690, 8.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

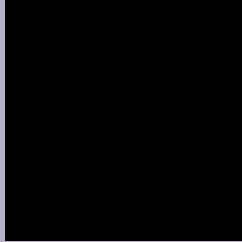
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.4870, -2.5690, 8.0150

Background



This preview shows how black text looks on a background with the YIQ color 180.4870, -2.5690, 8.0150.



This preview shows how white text looks on a background with the YIQ color 180.4870, -2.5690,

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

180.4870, -2.5690, 8.0150

Protanopia

179.9810, -7.0160, 6.0080

Deuteranopia

180.8080, 0.9610, 10.1210



Tritanopia

180.0910, -1.5140, 5.4140

Trichromacy



Original Color

180.4870, -2.5690, 8.0150

Protanomaly

179.9920, -5.5490, 6.9550

Deuteranomaly

180.7970, -0.5060, 9.1740

Tritanomaly

180.3190, -2.1560, 6.0360

Monochromacy



Original Color

180.4870, -2.5690, 8.0150

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.3960, -1.0550, 2.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.4870, -2.5690, 8.0150 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(183, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 197)  
}
```

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(183, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 197) }
```

Border

The CSS property to change the border of an element to YIQ 180.4870, -2.5690, 8.0150 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(183, 176, 197) }
```


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

```
.border{ border-color:rgb(183, 176, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 180.4870, -2.5690, 8.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 197) }
```

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

```
.background{ background-color: rgb(183,  
176, 197) }
```

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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