

Converting Colors

YIQ(180.9630, 18.6170,
-12.5110)

Have a look what the booklet for
YIQ(180.9630, 18.6170, -12.5110)
contains.

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Color

**YIQ(180.9630, 18.6170,
-12.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB88B
RGB	191, 184, 139
RGB Percent	75%, 72%, 55%
CMY	0.2510, 0.2784, 0.4548
CMYK	0.00, 0.04, 0.27, 0.25
HSL	52°, 29%, 65%
HSV	52°, 27%, 75%
XYZ	43.2872, 47.2206, 31.2697
YIQ	180.9630, 18.6170, -12.5110

Conversions

Conversions Part 2

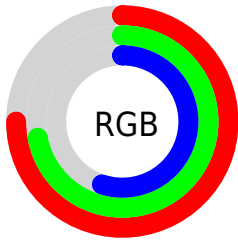
Format	Color
RYB	147, 191, 139
Decimal	12564619
CIELab	74.33, -4.67, 23.79
CIELCh	74, 24.243, 101.098
Yxy	47.2206, 0.3555, 0.3878
Android (android.graphics.Color)	4290754699 (0xFFBFB88B)
YUV	180.9630, -20.6878, 8.8024
Hunter-Lab	68.7172, -7.8122, 21.1222

Details

The YIQ color **180.9630, 18.6170, -12.5110** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149.0370, -18.6170, 12.5110**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0340, 19.8550, -12.9210**, and **128.0060, 17.0580, -11.7900** is the 20% darker color. If you saturate the color by 10%, you get **177.0360, 25.5410, -16.8510**, and if you desaturate by 10%, it is **184.8900, 11.6930, -8.1710**.

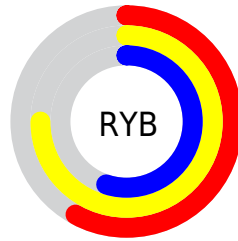
Distribution



Red (75%)

Green (72%)

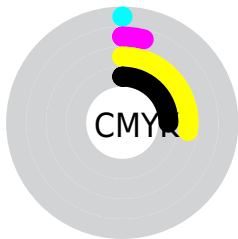
Blue (55%)



Red (58%)

Yellow (75%)

Blue (55%)

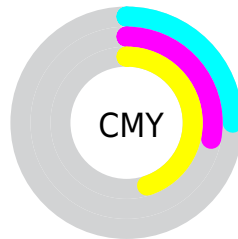


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9630, 18.6170, -12.5110 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 180.9630, 18.6170, -12.5110 by changing the saturation by 10% instead.

■ 180.9630, 18.6170,
-12.5110

■ 180.9630, 18.6170,
-12.5110

255.0000, -0.0000,
-0.0000

■ 154.0770, 18.2960,
-12.2000

■ 237.0340, 19.8550,
-12.9210

■ 128.0060, 17.0580,
-11.7900

■ 251.1240, 10.9140,
-10.5740

■ 102.8210, 16.1410,
-11.6910

■ 254.3160, 1.9260,
-1.8660

■ 78.6360, 15.2240,
-11.5920

■ 55.5650, 13.9860,
-11.1820

■ 33.6790, 13.6650,
-10.8710

■ 13.5670, 2.4770,

-6.3470

■ 0.0000, 0.0000,
0.0000

■ 180.9630, 18.6170,
-12.5110

■ 180.9630, 18.6170,
-12.5110

■ 177.0360, 25.5410,
-16.8510

■ 184.8900, 11.6930,
-8.1710

■ 173.6960, 32.1900,
-21.7140

■ 188.2300, 5.0440,
-3.3080

■ 169.7690, 39.1140,
-26.0540

■ 192.1570, -1.8800,
1.0320

■ 166.4290, 45.7630,
-30.9170

■ 195.4970, -8.5290,
5.8950

■ 162.5020, 52.6870,
-35.2570

■ 199.5380,
-15.7740, 10.5460

■ 159.0480, 59.6570,
-40.4310

■ 202.8780,
-22.4230, 15.4090

■ 155.1210, 66.5810,
-44.7710

■ 204.7530,
-23.5690, 14.1510

■ 153.9640, 68.4610,
-45.8030

■ 206.5140,
-24.3940, 12.5820

■ 207.6880,
-24.9440, 11.5360

Harmonies

Analogous

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



183.3610, 32.4160, -3.7760



180.9630, 18.6170, -12.5110



178.1500, -1.1430, -17.8390

Triad

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



180.9630, 18.6170, -12.5110



174.1110, -48.9650, -10.1890



186.9570, 19.8950, 19.4070

Complementary

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



180.9630, 18.6170, -12.5110



149.0370, -18.6170, 12.5110

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.



185.6650, 0.2260, 17.9380



180.9630, 18.6170, -12.5110



177.7410, -41.6310, 0.0730

Square

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



180.9630, 18.6170, -12.5110



173.6030, -41.9030, -17.0310



182.5310, -23.0640, 10.5040



186.1510, 33.7880, 15.4200

Rectangle

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



180.9630, 18.6170, -12.5110



176.1960, -15.9520, -19.2800



182.5310, -23.0640, 10.5040



186.5480, 13.7970, 19.7890

Sweetspot

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



180.9630, 18.6170, -12.5110



243.6600, 6.6490, -4.8630



155.4600, 28.4240, 13.5120



122.3440, 4.7230, -2.9970



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



180.9630, 18.6170, -12.5110



231.3090, 29.0260, -19.4380



179.6900, 5.9640, -19.9880



92.3870, 3.1640, -2.2760



127.6610, 56.4930, -38.1550



24.5310, 11.3260, -7.0260

Inverse Universe

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



149.0370, -18.6170, 12.5110



181.6910, -29.0260, 19.4380



150.3100, -5.9640, 19.9880



86.6130, -3.1640, 2.2760



30.3390, -56.4930, 38.1550



5.8820, -11.0510, 7.5490

Previews

White Background



This preview shows how the YIQ color 180.9630, 18.6170, -12.5110 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 180.9630, 18.6170, -12.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

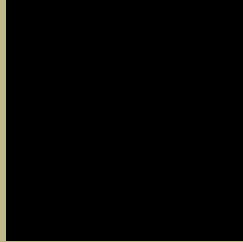
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.9630, 18.6170, -12.5110

Background



This preview shows how black text looks on a background with the YIQ color 180.9630, 18.6170, -12.5110.



This preview shows how white text looks on a background with the YIQ color 180.9630, 18.6170,

-12.5110.

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

180.9630, 18.6170, -12.5110

Protanopia

181.7570, 22.1930, -11.2390

Deuteranopia

182.7850, 34.1580, -2.3060



Tritanopia

184.5760, 7.4260, 8.5940

Trichromacy



Original Color

180.9630, 18.6170, -12.5110

Protanomaly

181.1590, 21.0010, -11.6630

Deuteranomaly

182.0400, 28.8860, -5.8820

Tritanomaly

183.5730, 11.5080, 0.6920

Monochromacy



Original Color

180.9630, 18.6170, -12.5110

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9630, 18.6170, -12.5110 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(191, 184, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 139)  
}
```

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(191, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 139) }
```

Border

The CSS property to change the border of an element to YIQ 180.9630, 18.6170, -12.5110 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(191, 184, 139) }
```


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

```
.border{ border-color:rgb(191, 184, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9630, 18.6170, -12.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 139) }
```

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

```
.background{ background-color: rgb(191,  
184, 139) }
```

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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