

Converting Colors

YIQ(168.7580, 12.4250, 0.5930)

Have a look what the booklet for
YIQ(168.7580, 12.4250, 0.5930)
contains.

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Color

**YIQ(168.7580, 12.4250,
0.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A59C
RGB	181, 165, 156
RGB Percent	71%, 65%, 61%
CMY	0.2902, 0.3530, 0.3882
CMYK	0.00, 0.09, 0.14, 0.29
HSL	22°, 14%, 66%
HSV	22°, 14%, 71%
XYZ	38.5139, 39.1334, 36.9825
YIQ	168.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

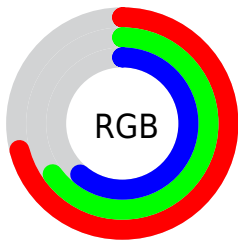
Format	Color
RYB	181, 170, 156
Decimal	11904412
CIELab	68.85, 4.27, 6.75
CIELCh	69, 7.985, 57.654
Yxy	39.1334, 0.3360, 0.3414
Android (android.graphics.Color)	4290094492 (0xFFB5A59C)
YUV	168.7580, -6.2897, 10.7362
Hunter-Lab	62.5567, 0.4218, 8.7384

Details

The YIQ color $168.7580, 12.4250, 0.5930$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $168.2420, -12.4250, -0.5930$, and the grayscale version is $169.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.9430, 13.3420, 0.4940$, and $116.5730, 11.5080, 0.6920$ is the 20% darker color. If you saturate the color by 10%, you get $159.6620, 21.5030, 1.2710$, and if you desaturate by 10%, it is $177.8540, 3.3470, -0.0850$.

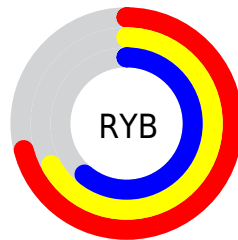
Distribution



Red (71%)

Green (65%)

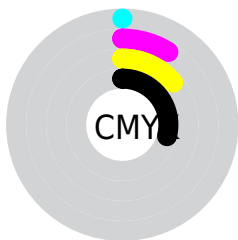
Blue (61%)



Red (71%)

Yellow (67%)

Blue (61%)

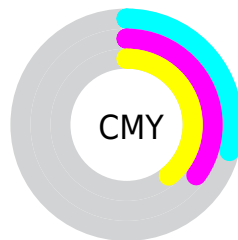


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.7580, 12.4250, 0.5930 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 168.7580, 12.4250, 0.5930 by changing the saturation by 10% instead.

■ 168.7580, 12.4250,
0.5930

■ 168.7580, 12.4250,
0.5930

255.0000, -0.0000,
-0.0000

■ 142.4590, 11.8290,
0.3810

■ 223.9430, 13.3420,
0.4940

■ 116.5730, 11.5080,
0.6920

■ 249.0670, 7.0610,
-1.3150

■ 92.2740, 10.9120,
0.4800

■ 68.3880, 10.5910,
0.7910

■ 45.7900, 9.3990,
0.3670

■ 25.3770, 9.1240,
-0.1560

■ 0.0000, 0.0000,

0.0000

■ 168.7580, 12.4250,
0.5930

■ 168.7580, 12.4250,
0.5930

■ 159.6620, 21.5030,
1.2710

■ 177.8540, 3.3470,
-0.0850

■ 151.1530, 30.3060,
1.4260

■ 186.3630, -5.4560,
-0.2400

■ 142.0570, 39.3840,
2.1040

■ 195.4590,
-14.5340, -0.9180

■ 133.5480, 48.1870,
2.2590

■ 203.9680,
-23.3370, -1.0730

■ 124.4520, 57.2650,
2.9370

■ 213.1780,
-32.7360, -1.4400

■ 115.2420, 66.6640,
3.3040

■ 221.1340,
-38.6040, -5.2280

■ 106.7330, 75.4670,
3.4590

■ 227.5910,
-41.6290, -10.9810

■ 97.6370, 84.5450,
4.1370

■ 232.8740,
-44.1040, -15.6880

■ 92.2740, 90.0010,
4.3770

Harmonies

Analogous

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



169.1650, 12.8370, 4.1410



168.7580, 12.4250, 0.5930



167.9100, 8.9410, -2.3470

Triad

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



168.7580, 12.4250, 0.5930



165.4500, -10.3150, -5.7950



168.6070, -3.0270, 5.3010

Complementary

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



168.7580, 12.4250, 0.5930



168.2420, -12.4250, -0.5930

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.



167.7910, -9.5370, 2.1350



168.7580, 12.4250, 0.5930



165.6500, -13.7540, -4.0420

Square

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



168.7580, 12.4250, 0.5930



165.8590, -4.2170, -6.1770



166.6440, -13.6170, -1.0170



169.2550, 3.8960, 6.4880

Rectangle

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



168.7580, 12.4250, 0.5930



167.2900, 4.8150, -4.6650



166.6440, -13.6170, -1.0170



168.4110, -5.4110, 4.4530

Sweetspot

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



168.7580, 12.4250, 0.5930



230.3380, 4.8600, 0.0280



165.2990, 9.7640, 10.2760



114.5550, 2.7510, -0.2970



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



168.7580, 12.4250, 0.5930



215.1780, 19.9900, 1.1580



175.8020, 9.1250, -5.6830



85.0390, 4.2640, -0.1840



78.0320, 76.0630, 3.6710



13.0570, 13.0210, 0.8050

Inverse Universe

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



168.2420, -12.4250, -0.5930



214.2350, -19.7150, -0.6350



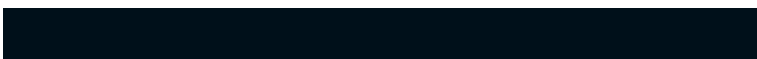
161.1980, -9.1250, 5.6830



84.5480, -4.5390, -0.3390



74.9680, -76.0630, -3.6710



12.3560, -12.7460, -0.2820

Previews

White Background



This preview shows how the YIQ color 168.7580, 12.4250, 0.5930 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 168.7580, 12.4250, 0.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

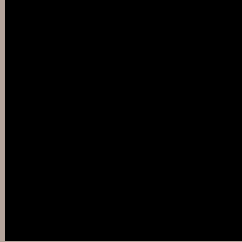
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.7580, 12.4250, 0.5930

Background



This preview shows how black text looks on a background with the YIQ color 168.7580, 12.4250, 0.5930.



This preview shows how white text looks on a background with the YIQ color 168.7580, 12.4250,

0.5930.

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

168.7580, 12.4250, 0.5930

Protanopia

167.9530, 7.3820, -1.6260

Deuteranopia

169.5030, 17.6970, 4.1690



Tritanopia

170.0600, 8.9390, 8.7070

Trichromacy



Original Color

168.7580, 12.4250, 0.5930

Protanomaly

168.2630, 9.4450, -0.4670

Deuteranomaly

169.1930, 15.6340, 3.0100

Tritanomaly

169.5500, 10.3150, 5.7950

Monochromacy



Original Color

168.7580, 12.4250, 0.5930

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7580, 12.4250, 0.5930 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(181, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 156)  
}
```

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(181, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 156) }
```

Border

The CSS property to change the border of an element to YIQ 168.7580, 12.4250, 0.5930 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(181, 165, 156) }
```


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

```
.border{ border-color:rgb(181, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 165,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7580, 12.4250, 0.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 156) }
```

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

```
.background{ background-color: rgb(181,  
165, 156) }
```

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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