

Converting Colors

YIQ(118.2020, -6.9210,
-12.2410)

Have a look what the booklet for
YIQ(118.2020, -6.9210, -12.2410)
contains.

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Color

**YIQ(118.2020, -6.9210,
-12.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	688069
RGB	104, 128, 105
RGB Percent	41%, 50%, 41%
CMY	0.5922, 0.4980, 0.5882
CMYK	0.19, 0.00, 0.18, 0.50
HSL	123°, 10%, 45%
HSV	123°, 19%, 50%
XYZ	15.9770, 19.4028, 16.2670
YIQ	118.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

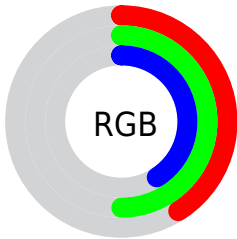
Format	Color
RYB	104, 127, 128
Decimal	6848617
CIELab	51.16, -13.52, 9.66
CIELCh	51, 16.615, 144.446
Yxy	19.4028, 0.3094, 0.3757
Android (android.graphics.Color)	4285038697 (0xFF688069)
YUV	118.2020, -6.5086, -12.4552
Hunter-Lab	44.0486, -12.3410, 8.9385

Details

The YIQ color $118.2020, -6.9210, -12.2410$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $113.7980, 6.9210, 12.2410$, and the grayscale version is $118.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $170.3760, -7.4710, -13.2870$, and $69.7290, -6.9670, -11.4070$ is the 20% darker color. If you saturate the color by 10%, you get $112.9470, -10.8170, -18.7290$, and if you desaturate by 10%, it is $123.4570, -3.0250, -5.7530$.

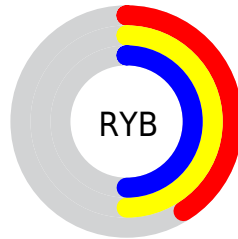
Distribution



Red (41%)

Green (50%)

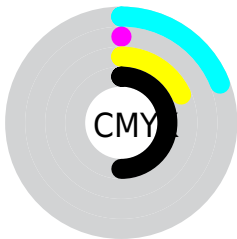
Blue (41%)



Red (41%)

Yellow (50%)

Blue (50%)

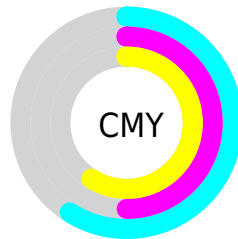


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2020, -6.9210, -12.2410 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 118.2020, -6.9210, -12.2410 by changing the saturation by 10% instead.

■ 118.2020, -6.9210,
-12.2410

■ 118.2020, -6.9210,
-12.2410

■ 255.0000, -0.0000,
-0.0000

■ 93.6150, -6.6460,
-11.7180

■ 170.3760, -7.4710,
-13.2870

■ 69.7290, -6.9670,
-11.4070

■ 197.3760, -7.4710,
-13.2870

■ 47.1420, -6.6920,
-10.8840

■ 225.9630, -7.7460,
-13.8100

■ 25.8540, -5.8210,
-10.1490

■ 248.0930, -4.9960,
-8.5800

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 118.2020, -6.9210,
-12.2410

■ 118.2020, -6.9210,
-12.2410

■ 112.9470,
-10.8170, -18.7290

■ 123.4570, -3.0250,
-5.7530

■ 107.5780,
-14.3920, -25.5280

■ 128.8260, 0.5500,
1.0460

■ 102.6220,
-17.6920, -31.8040

■ 133.7820, 3.8500,
7.3220

■ 97.3670, -21.5880,
-38.2920

■ 139.0370, 7.7460,
13.8100

■ 92.1120, -25.4840,
-44.7800

■ 144.2920, 11.6420,
20.2980

■ 86.7430, -29.0590,
-51.5790

■ 149.6610, 15.2170,
27.0970

■ 81.4880, -32.9550,
-58.0670


■ 154.9160, 19.1130,
33.5850


■ 76.5320, -36.2550,

■ 159.8720, 22.4130,

-64.3430

39.8610

 75.7060, -36.8050,
-65.3890

 165.1270, 26.3090,
46.3490

Harmonies

Analogous

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



120.1990, 6.3290, -10.0790



118.2020, -6.9210, -12.2410



116.7860, -20.3090, -11.9010

Triad

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



118.2020, -6.9210, -12.2410



120.3860, -21.4580, 3.4220



123.5470, 23.5650, 7.9570

Complementary

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



118.2020, -6.9210, -12.2410



113.7980, 6.9210, 12.2410

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.



124.2460, 17.2830, 11.6750



118.2020, -6.9210, -12.2410



122.9040, -8.1170, 9.4430

Square

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



118.2020, -6.9210, -12.2410



117.5650, -29.5720, -3.7160



124.6130, 6.0040, 12.3400



122.4450, 23.6120, 1.5960

Rectangle

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



118.2020, -6.9210, -12.2410



116.0180, -26.7740, -10.3740



124.6130, 6.0040, 12.3400



124.0030, 22.2810, 9.2010

Sweetspot

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



118.2020, -6.9210, -12.2410



161.8700, -2.7500, -5.2300



124.9650, 7.1080, -7.6760



81.6360, -1.9710, -2.8270



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



118.2020, -6.9210, -12.2410



150.4200, -10.7710, -19.5630



119.5700, -10.7730, -8.5090



61.2230, -2.2460, -3.3500



75.7060, -36.8050, -65.3890



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.7980, 6.9210, 12.2410



143.4660, 11.0920, 19.2520



112.4300, 10.7730, 8.5090



59.7770, 2.2460, 3.3500



52.1800, 37.1260, 65.0780



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.2020, -6.9210, -12.2410 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2020, -6.9210, -12.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

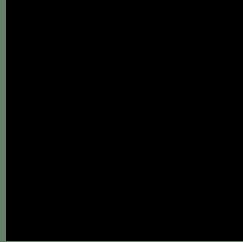
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.2020, -6.9210, -12.2410

Background



This preview shows how black text looks on a background with the YIQ color 118.2020, -6.9210, -12.2410.



This preview shows how white text looks on a background with the YIQ color 118.2020, -6.9210, -12.2410.

-12.2410.

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

118.2020, -6.9210, -12.2410

Protanopia

120.9270, 10.2710, -4.4250

Deuteranopia

122.1390, 15.7260, 1.3420



Tritanopia

120.6550, -12.1500, -0.0700

Trichromacy



Original Color

118.2020, -6.9210, -12.2410

Protanomaly

120.1110, 3.7610, -7.5910

Deuteranomaly

120.7850, 7.7950, -3.6050

Tritanomaly

119.3900, -10.0860, -4.4380

Monochromacy



Original Color

118.2020, -6.9210, -12.2410

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2830, -2.4750, -4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2020, -6.9210, -12.2410 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(104, 128, 105)` looks like.

```
.text, #text, p{  
    color:rgb(104, 128, 105)  
}
```

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(104, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 128, 105) }
```

Border

The CSS property to change the border of an element to YIQ 118.2020, -6.9210, -12.2410 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(104, 128, 105) }
```


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

```
.border{ border-color:rgb(104, 128, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(104, 128,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2020, -6.9210, -12.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 128, 105) }
```

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

```
.background{ background-color: rgb(104,  
128, 105) }
```

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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