

Converting Colors

YIQ(118.2550, 11.9230,
-12.3410)

Have a look what the booklet for
YIQ(118.2550, 11.9230, -12.3410)
contains.

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Color

**YIQ(118.2550, 11.9230,
-12.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7B54
RGB	122, 123, 84
RGB Percent	48%, 48%, 33%
CMY	0.5216, 0.5176, 0.6705
CMYK	0.01, 0.00, 0.32, 0.52
HSL	62°, 19%, 41%
HSV	62°, 32%, 48%
XYZ	16.7091, 18.9435, 11.1674
YIQ	118.2550, 11.9230, -12.3410

Conversions

Conversions Part 2

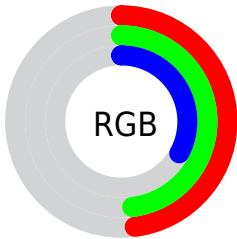
Format	Color
RYB	84, 123, 85
Decimal	8026964
CIELab	50.62, -7.06, 21.25
CIElCh	51, 22.389, 108.389
Yxy	18.9435, 0.3569, 0.4046
Android (android.graphics.Color)	4286217044 (0xFF7A7B54)
YUV	118.2550, -16.8877, 3.2844
Hunter-Lab	43.5241, -7.6403, 15.2543

Details

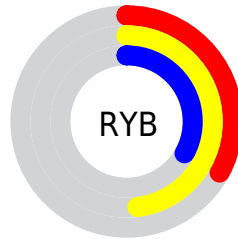
The YIQ color **118.2550, 11.9230, -12.3410** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **88.7450, -11.9230, 12.3410**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.3260, 13.1610, -12.7510**, and **69.5970, 10.9600, -11.4080** is the 20% darker color. If you saturate the color by 10%, you get **116.8870, 15.7750, -16.0730**, and if you desaturate by 10%, it is **119.6230, 8.0710, -8.6090**.

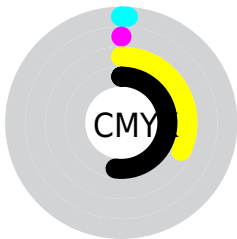
Distribution



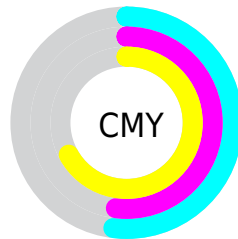
- Red (48%)
- Green (48%)
- Blue (33%)



- Red (33%)
- Yellow (48%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2550, 11.9230, -12.3410 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 118.2550, 11.9230, -12.3410 by changing the saturation by 10% instead.

■ 118.2550, 11.9230,
-12.3410

■ 118.2550, 11.9230,
-12.3410

■ 255.0000, -0.0000,
-0.0000

■ 93.4830, 11.2810,
-11.7190

■ 170.3260, 13.1610,
-12.7510

■ 69.5970, 10.9600,
-11.4080

■ 198.0980, 13.8030,
-13.3730

■ 47.1130, 9.4470,
-11.5210

■ 225.9840, 14.1240,
-13.6840

■ 26.8680, 8.7590,
-10.0650

■ 250.4400, 12.8400,
-12.4400

■ 2.3480, -1.1000,
-2.0920

■ 253.7460, 3.5310,
-3.4210

■ 0.0000, 0.0000,
0.0000

■ 118.2550, 11.9230,
-12.3410

■ 118.2550, 11.9230,
-12.3410

■ 116.8870, 15.7750,
-16.0730

■ 119.6230, 8.0710,
-8.6090

■ 115.1060, 19.3520,
-20.3280

■ 121.4040, 4.4940,
-4.3540

■ 113.7380, 23.2040,
-24.0600

■ 122.7720, 0.6420,
-0.6220

■ 112.3700, 27.0560,
-27.7920

■ 124.1400, -3.2100,
3.1100

■ 110.7030, 30.3120,
-31.7360

■ 125.9210, -6.7870,
7.3650

■ 109.2210, 34.4850,
-35.7790

■ 127.2890,
-10.6390, 11.0970

■ 108.0810, 37.6950,
-38.8890

■ 128.6570,
-14.4910, 14.8290

■ 130.3240,

-17.7470, 18.7730

■ 131.8060,
-21.9200, 22.8160

Harmonies

Analogous

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



120.3000, 25.2180, -5.4860



118.2550, 11.9230, -12.3410



115.8660, -6.0950, -16.1990

Triad

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



118.2550, 11.9230, -12.3410



111.7310, -44.8390, -7.8710



123.5610, 20.9500, 16.8060

Complementary

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



118.2550, 11.9230, -12.3410



88.7450, -11.9230, 12.3410

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.



123.6500, 4.5820, 16.0860



118.2550, 11.9230, -12.3410



116.6880, -34.1120, 1.4720

Square

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



118.2550, 11.9230, -12.3410



110.7820, -40.8490, -14.1050



120.9510, -15.4990, 11.0690



122.7760, 30.3500, 11.6460

Rectangle

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



118.2550, 11.9230, -12.3410



114.1080, -18.5200, -16.7920



120.9510, -15.4990, 11.0690



123.3370, 15.7690, 17.0890

Sweetspot

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



118.2550, 11.9230, -12.3410



158.8770, 4.5400, -5.1880



96.2480, 22.9690, 7.7450



80.5610, 2.6140, -3.3220



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



118.2550, 11.9230, -12.3410



153.4480, 18.3890, -19.3950



112.5740, 0.5990, -16.3690



60.3160, 1.9260, -1.8660



109.8530, 38.3370, -39.5110



221.4780, 77.3160, -79.6440

Inverse Universe

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



88.7450, -11.9230, 12.3410



107.2530, -18.9850, 19.1830



94.4260, -0.5990, 16.3690



55.6840, -1.9260, 1.8660



15.1470, -38.3370, 39.5110



30.8210, -76.7200, 79.8560

Previews

White Background



This preview shows how the YIQ color 118.2550, 11.9230, -12.3410 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 118.2550, 11.9230, -12.3410 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 118.2550, 11.9230, -12.3410

Background



This preview shows how black text looks on a background with the YIQ color 118.2550, 11.9230, -12.3410.



This preview shows how white text looks on a background with the YIQ color 118.2550, 11.9230,

-12.3410.

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

118.2550, 11.9230, -12.3410

Protanopia

118.7720, 17.8370, -9.3870

Deuteranopia

120.0660, 25.9970, -3.0830



Tritanopia

121.7170, 2.4750, 4.7070

Trichromacy



Original Color

118.2550, 11.9230, -12.3410

Protanomaly

118.4620, 15.7740, -10.5460

Deuteranomaly

119.3210, 20.7250, -6.6590

Tritanomaly

120.4690, 5.8690, -1.7390

Monochromacy



Original Color

118.2550, 11.9230, -12.3410

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1050, 3.8980, -4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2550, 11.9230, -12.3410 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(122, 123, 84)` looks like.

```
.text, #text, p{  
    color:rgb(122, 123, 84)  
}
```

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(122, 123, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 123, 84) }
```

Border

The CSS property to change the border of an element to YIQ 118.2550, 11.9230, -12.3410 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(122, 123, 84) }
```


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

```
.border{ border-color:rgb(122, 123, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 123, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 123, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 123, 84);  
box-shadow:4px 4px 4px 4px rgb(122, 123,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2550, 11.9230, -12.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 123, 84) }
```

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

```
.background{ background-color: rgb(122,  
123, 84) }
```

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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