

Converting Colors

YIQ(122.0810, 3.3050, -21.3590)

Have a look what the booklet for
YIQ(122.0810, 3.3050, -21.3590)
contains.

YIQ(122.0810, 3.3050, -21.3590)	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(122.0810, 3.3050,
-21.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	708752
RGB	112, 135, 82
RGB Percent	44%, 53%, 32%
CMY	0.5609, 0.4705, 0.6784
CMYK	0.17, 0.00, 0.39, 0.47
HSL	86°, 24%, 43%
HSV	86°, 39%, 53%
XYZ	16.8681, 21.3833, 11.2237
YIQ	122.0810, 3.3050, -21.3590

Conversions

Conversions Part 2

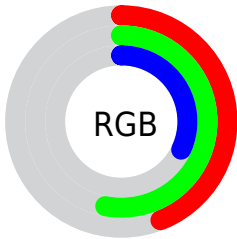
Format	Color
RYB	82, 135, 105
Decimal	7374674
CIELab	53.37, -18.01, 25.82
CIElCh	53, 31.483, 124.896
Yxy	21.3833, 0.3409, 0.4322
Android (android.graphics.Color)	4285564754 (0xFF708752)
YUV	122.0810, -19.7599, -8.8410
Hunter-Lab	46.2421, -15.8108, 17.9787

Details

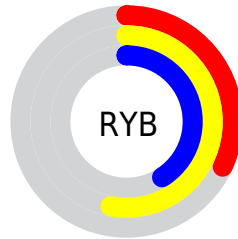
The YIQ color $122.0810, 3.3050, -21.3590$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $94.9190, -3.3050, 21.3590$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.7390, 4.2680, -22.2920$, and $72.8360, 2.6170, -19.9030$ is the 20% darker color. If you saturate the color by 10%, you get $118.8050, 3.9020, -26.6740$, and if you desaturate by 10%, it is $125.4710, 2.3870, -15.7330$.

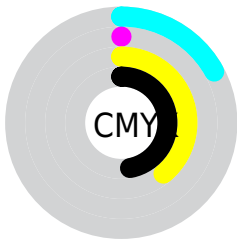
Distribution



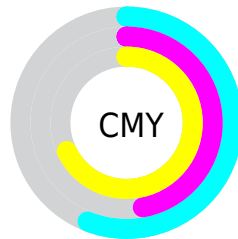
- Red (44%)
- Green (53%)
- Blue (32%)



- Red (32%)
- Yellow (53%)
- Blue (41%)



- Cyan (17%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.0810, 3.3050, -21.3590 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 122.0810, 3.3050, -21.3590 by changing the saturation by 10% instead.

■ 122.0810, 3.3050,
-21.3590

■ 122.0810, 3.3050,
-21.3590

■ 255.0000, -0.0000,
-0.0000

■ 97.1950, 2.9840,
-21.0480

■ 174.7390, 4.2680,
-22.2920

■ 72.8360, 2.6170,
-19.9030

■ 202.2120, 4.3140,
-23.1260

■ 49.8360, 2.6170,
-19.9030

■ 230.7990, 4.0390,
-23.6490

■ 29.1610, 0.3240,
-16.8920

■ 248.4180, 9.9060,
-14.3340

■ 11.7400, -5.5000,
-10.4600

■ 253.5180, 4.1730,
-4.0430

■ 0.0000, 0.0000,
0.0000

■ 122.0810, 3.3050,
-21.3590

■ 122.0810, 3.3050,
-21.3590

■ 118.8050, 3.9020,
-26.6740

■ 125.4710, 2.3870,
-15.7330

■ 115.4150, 4.8200,
-32.3000

■ 128.7470, 1.7900,
-10.4180

■ 112.1390, 5.4170,
-37.6150

■ 132.1370, 0.8720,
-4.7920

■ 109.0480, 6.9310,
-43.0290

■ 135.1140, -0.3210,
0.3110

■ 105.7720, 7.5280,
-48.3440

■ 138.5040, -1.2390,
5.9370

■ 102.3820, 8.4460,
-53.9700

■ 141.7800, -1.8360,
11.2520

■ 101.9690, 8.1710,
-54.4930

■ 145.1700, -2.7540,
16.8780

■ 148.4460, -3.3510,

22.1930

■ 151.8360, -4.2690,
27.8190

Harmonies

Analogous

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



125.0300, 25.6780, -13.8260



122.0810, 3.3050, -21.3590



117.6570, -24.8000, -24.1280

Triad

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



122.0810, 3.3050, -21.3590



113.0520, -67.6720, -7.0640



129.8790, 37.7300, 21.0740

Complementary

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



122.0810, 3.3050, -21.3590



94.9190, -3.3050, 21.3590

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.



131.1190, 19.6190, 24.4110



122.0810, 3.3050, -21.3590



124.7620, -36.9560, 8.9640

Square

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



122.0810, 3.3050, -21.3590



100.7790, -89.4930, -24.6050



130.1250, -6.8810, 20.0870



128.9640, 44.3800, 10.6840

Rectangle

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



122.0810, 3.3050, -21.3590



113.1090, -46.6240, -25.0880



130.1250, -6.8810, 20.0870



130.5950, 32.7780, 22.7140

Sweetspot

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



122.0810, 3.3050, -21.3590



170.9150, 1.3770, -8.4390



111.3480, 25.2630, -0.7930



86.1370, 0.8720, -4.7920



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



122.0810, 3.3050, -21.3590



155.7740, 5.1870, -33.4450



114.3070, -12.1910, -26.8710



64.4190, 0.1380, -2.5020



98.4360, 8.3540, -52.3020



2.0600, -0.2290, -1.3570

Inverse Universe

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



94.9190, -3.3050, 21.3590



113.2260, -5.1870, 33.4450



102.6930, 12.1910, 26.8710



61.5810, -0.1380, 2.5020



31.8630, -7.7580, 52.5140



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 122.0810, 3.3050, -21.3590 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 122.0810, 3.3050, -21.3590 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 122.0810, 3.3050, -21.3590

Background



This preview shows how black text looks on a background with the YIQ color 122.0810, 3.3050, -21.3590.



This preview shows how white text looks on a background with the YIQ color 122.0810, 3.3050, -21.3590.

-21.3590.

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

122.0810, 3.3050, -21.3590

Protanopia

125.1160, 22.5600, -12.3840

Deuteranopia

126.7520, 29.7570, -5.1470



Tritanopia

126.7480, -7.9780, 1.4140

Trichromacy



Original Color

122.0810, 3.3050, -21.3590

Protanomaly

124.0010, 15.4540, -15.7620

Deuteranomaly

125.0880, 19.7630, -11.2530

Tritanomaly

125.3320, -4.1710, -7.0110

Monochromacy



Original Color

122.0810, 3.3050, -21.3590

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0290, 1.0560, -8.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.0810, 3.3050, -21.3590 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(112, 135, 82)` looks like.

```
.text, #text, p{  
    color:rgb(112, 135, 82)  
}
```

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(112, 135, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 135, 82) }
```

Border

The CSS property to change the border of an element to YIQ 122.0810, 3.3050, -21.3590 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(112, 135, 82) }
```


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

```
.border{ border-color:rgb(112, 135, 82) }
```

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

Here you see how a box with a 4 pixel rgb(112, 135, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 135, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 135, 82);  
box-shadow:4px 4px 4px 4px rgb(112, 135,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 122.0810, 3.3050, -21.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 135, 82) }
```

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

```
.background{ background-color: rgb(112,  
135, 82) }
```

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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