

Converting Colors

YIQ(122.2450, -9.6210,
-40.4130)

Have a look what the booklet for
YIQ(122.2450, -9.6210, -40.4130)
contains.

YIQ(122.2450, -9.6210, -40.4130)	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(122.2450, -9.6210,
-40.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	589740
RGB	88, 151, 64
RGB Percent	35%, 59%, 25%
CMY	0.6551, 0.4077, 0.7490
CMYK	0.42, 0.00, 0.58, 0.41
HSL	103°, 40%, 42%
HSV	103°, 58%, 59%
XYZ	16.0160, 24.5841, 8.7527
YIQ	122.2450, -9.6210, -40.4130

Conversions

Conversions Part 2

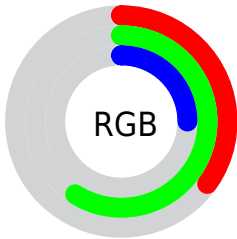
Format	Color
RYB	64, 151, 127
Decimal	5805888
CIELab	56.67, -37.05, 38.97
CIElCh	57, 53.777, 133.554
Yxy	24.5841, 0.3245, 0.4981
Android (android.graphics.Color)	4283995968 (0xFF589740)
YUV	122.2450, -28.7148, -30.0329
Hunter-Lab	49.5823, -29.1102, 24.2413

Details

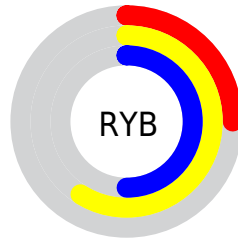
The YIQ color $122.2450, -9.6210, -40.4130$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $92.7550, 9.6210, 40.4130$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.3760, -8.6120, -42.1800$, and $69.6470, -10.8130, -40.8370$ is the 20% darker color. If you saturate the color by 10%, you get $117.2460, -11.3620, -47.4100$, and if you desaturate by 10%, it is $127.2440, -7.8800, -33.4160$.

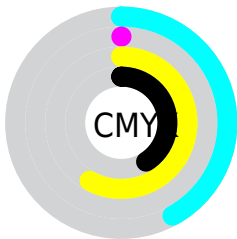
Distribution



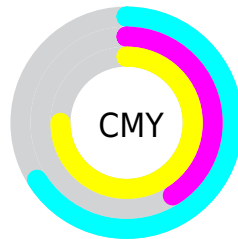
- Red (35%)
- Green (59%)
- Blue (25%)



- Red (25%)
- Yellow (59%)
- Blue (50%)



- Cyan (42%)
- Magenta (0%)
- Yellow (58%)
- Black (41%)




- Cyan (66%)
- Magenta (41%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.2450, -9.6210, -40.4130 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 122.2450, -9.6210, -40.4130 by changing the saturation by 10% instead.


 122.2450, -9.6210,
-40.4130


 122.2450, -9.6210,
-40.4130


255.0000, -0.0000,
-0.0000


 96.0600, -10.5380,
-40.3140


 176.3760, -8.6120,
-42.1800

 69.3480, -11.4090,
-41.0490


 203.9630, -8.8870,
-42.7030

 44.0250, -20.6250,
-39.2250

 228.0390, -6.0450,
-39.1410

 29.9370, -14.0250,
-26.6730

 239.4890, 1.9760,
-24.8080

 18.1970, -8.5250,
-16.2130

 251.4660, 9.9510,
-9.6410

 0.0000, 0.0000,
0.0000

254.7720, 0.6420,

-0.6220

■ 122.2450, -9.6210,
-40.4130

■ 122.2450, -9.6210,
-40.4130

■ 117.2460,
-11.3620, -47.4100

■ 127.2440, -7.8800,
-33.4160

■ 112.2470,
-13.1030, -54.4070

■ 132.2430, -6.1390,
-26.4190

■ 107.2480,
-14.8440, -61.4040

■ 137.2420, -4.3980,
-19.4220

■ 102.2490,
-16.5850, -68.4010

■ 142.2410, -2.6570,
-12.4250

■ 101.1950,
-16.4930, -70.0690

■ 147.3540, -1.2370,
-5.1170

■ 152.3530, 0.5040,
1.8800

■ 157.3520, 2.2450,
8.8770

■ 162.3510, 3.9860,
15.8740

■ 167.0510, 5.1310,
22.6590

Harmonies

Analogous

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



128.4430, 33.9800, -32.1320



122.2450, -9.6210, -40.4130



104.4710, -77.8430, -48.5230

Triad

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



122.2450, -9.6210, -40.4130



112.6400, -113.2460, -7.1180



134.3070, 69.1800, 34.8120

Complementary

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



122.2450, -9.6210, -40.4130



92.7550, 9.6210, 40.4130

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.



137.8270, 44.6490, 44.3690



122.2450, -9.6210, -40.4130



130.5490, -57.8650, 18.9590

Square

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



122.2450, -9.6210, -40.4130



114.2580, -106.7790, -19.6990



139.8080, 2.1020, 39.0140



133.6330, 73.1730, 11.9970

Rectangle

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



122.2450, -9.6210, -40.4130



109.2930, -88.6650, -39.6170



139.8080, 2.1020, 39.0140



134.8320, 63.4480, 39.5760

Sweetspot

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



122.2450, -9.6210, -40.4130



185.0620, -3.7110, -15.3510



126.4070, 34.8020, -13.9820



92.6480, -2.2450, -8.8770



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



122.2450, -9.6210, -40.4130



151.3080, -15.0730, -62.7610



117.2350, -30.0240, -39.5920



74.2940, -1.0080, -3.7600



93.8410, -15.2560, -64.9520



8.8270, -1.1910, -5.9510

Inverse Universe

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



92.7550, 9.6210, 40.4130



105.6920, 15.0730, 62.7610



97.7650, 30.0240, 39.5920



71.4070, 0.4120, 3.5480



46.4580, 15.8520, 65.1640



4.1730, 1.1910, 5.9510

Previews

White Background



This preview shows how the YIQ color 122.2450, -9.6210, -40.4130 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 122.2450, -9.6210, -40.4130 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 122.2450, -9.6210, -40.4130

Background



This preview shows how black text looks on a background with the YIQ color 122.2450, -9.6210, -40.4130.



This preview shows how white text looks on a background with the YIQ color 122.2450, -9.6210,

-40.4130.

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

122.2450, -9.6210, -40.4130

Protanopia

130.8210, 33.3360, -20.4560

Deuteranopia

133.3370, 40.9910, -10.5050



Tritanopia

131.5930, -26.7750, -4.8470

Trichromacy



Original Color

122.2450, -9.6210, -40.4130

Protanomaly

127.6940, 17.3360, -27.8480

Deuteranomaly

129.4330, 22.7450, -21.2470

Tritanomaly

128.2110, -20.3080, -17.4280

Monochromacy



Original Color

122.2450, -9.6210, -40.4130

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.4750, -3.4360, -14.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.2450, -9.6210, -40.4130 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(88, 151, 64)` looks like.

```
.text, #text, p{  
    color:rgb(88, 151, 64)  
}
```

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(88, 151, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 151, 64) }
```

Border

The CSS property to change the border of an element to YIQ 122.2450, -9.6210, -40.4130 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(88, 151, 64) }
```


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

```
.border{ border-color:rgb(88, 151, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 151, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 151, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 151, 64);  
box-shadow:4px 4px 4px 4px rgb(88, 151,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 122.2450, -9.6210, -40.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 151, 64) }
```

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

```
.background{ background-color: rgb(88, 151,  
64) }
```

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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