

Converting Colors

YIQ(64.9080, 12.4230, 11.6470)

Have a look what the booklet for
YIQ(64.9080, 12.4230, 11.6470)
contains.

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Color

**YIQ(64.9080, 12.4230,
11.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	543647
RGB	84, 54, 71
RGB Percent	33%, 21%, 28%
CMY	0.6705, 0.7883, 0.7215
CMYK	0.00, 0.36, 0.15, 0.67
HSL	326°, 22%, 27%
HSV	326°, 36%, 33%
XYZ	6.1142, 4.9780, 6.6014
YIQ	64.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

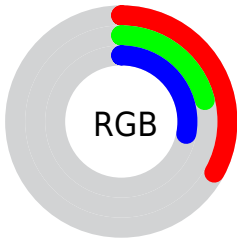
Format	Color
RYB	84, 54, 71
Decimal	5518919
CIELab	26.67, 16.41, -5.00
CIElCh	27, 17.155, 343.064
Yxy	4.9780, 0.3456, 0.2813
Android (android.graphics.Color)	4283708999 (0xFF543647)
YUV	64.9080, 3.0034, 16.7437
Hunter-Lab	22.3114, 9.8713, -1.9244

Details

The YIQ color **64.9080, 12.4230, 11.6470** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.0920, -12.4230, -11.6470**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.9190, 13.8900, 12.5940**, and **21.0110, 10.6350, 11.0110** is the 20% darker color. If you saturate the color by 10%, you get **59.7560, 15.9070, 14.5870**, and if you desaturate by 10%, it is **70.0600, 8.9390, 8.7070**.

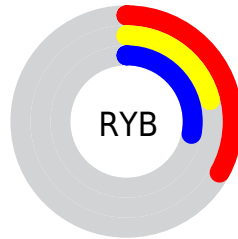
Distribution



 Red (33%)

 Green (21%)

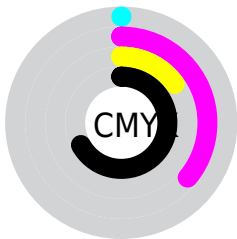
 Blue (28%)



 Red (33%)

 Yellow (21%)

 Blue (28%)

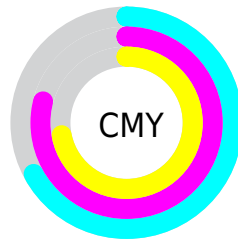


 Cyan (0%)

 Magenta (36%)

 Yellow (15%)

 Black (67%)



 Cyan (67%)

 Magenta (79%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.9080, 12.4230, 11.6470 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 64.9080, 12.4230, 11.6470 by changing the saturation by 10% instead.

64.9080, 12.4230,
11.6470

64.9080, 12.4230,
11.6470

255.0000, -0.0000,
-0.0000

42.3100, 11.2310,
11.2230

112.9190, 13.8900,
12.5940

21.0110, 10.6350,
11.0110

138.6310, 14.7610,
13.3290

1.4950, 2.9800,
1.0600

165.0440, 15.0360,
13.8520

0.0000, 0.0000,
0.0000

192.3430, 15.6320,
14.0640

220.3430, 15.6320,
14.0640

243.2600, 5.5000,

10.4600

■ 64.9080, 12.4230,
11.6470

■ 64.9080, 12.4230,
11.6470

■ 59.7560, 15.9070,
14.5870

■ 70.0600, 8.9390,
8.7070

■ 54.1310, 19.3450,
18.3610

■ 75.6850, 5.5010,
4.9330

■ 48.9790, 22.8290,
21.3010

■ 80.8370, 2.0170,
1.9930

■ 43.2400, 26.5880,
24.7640

■ 86.5760, -1.7420,
-1.4700

■ 38.2020, 29.7510,
28.0150

■ 91.6140, -4.9050,
-4.7210

■ 33.0500, 33.2350,
30.9550

■ 96.7660, -8.3890,
-7.6610

■ 30.5880, 34.6560,
32.7360

■ 102.3910,
-11.8270, -11.4350

■ 107.5430,
-15.3110, -14.3750

■ 113.2820,
-19.0700, -17.8380

Harmonies

Analogous

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



64.9220, 0.6400, 10.4320



64.9080, 12.4230, 11.6470



64.3340, 19.8510, 9.1870

Triad

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



64.9080, 12.4230, 11.6470



61.5200, 9.8590, -7.9730



54.7060, -34.5230, -7.6030

Complementary

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



64.9080, 12.4230, 11.6470



73.0920, -12.4230, -11.6470

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.



54.9360, -29.4790, -10.9110



64.9080, 12.4230, 11.6470



60.4800, -1.8320, -10.8560

Square

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



64.9080, 12.4230, 11.6470



62.8740, 17.7900, -3.0260



58.1240, -15.4490, -11.8730



58.6410, -26.7300, -0.1540

Rectangle

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



64.9080, 12.4230, 11.6470



63.5960, 21.8690, 5.6530



58.1240, -15.4490, -11.8730



54.3530, -35.0270, -9.4830

Sweetspot

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



64.9080, 12.4230, 11.6470



102.2720, 5.2260, 4.4100



61.3070, -1.8820, 12.0860



51.5490, 2.8880, 2.7280



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



64.9080, 12.4230, 11.6470



80.0170, 19.6660, 18.0500



63.1980, 17.2380, 6.9820



38.4240, 1.7420, 1.4700



38.1210, 43.6410, 40.6090



84.4160, 95.9000, 90.2360

Inverse Universe

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



64.9080, 12.4230, 11.6470



80.0170, 19.6660, 18.0500



74.8020, -17.2380, -6.9820



38.4240, 1.7420, 1.4700



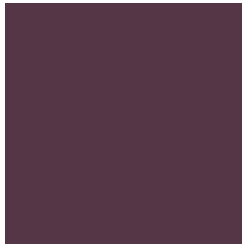
38.1210, 43.6410, 40.6090



84.4160, 95.9000, 90.2360

Previews

White Background



This preview shows how the YIQ color 64.9080, 12.4230, 11.6470 looks on a white background.

Color Contrast Check

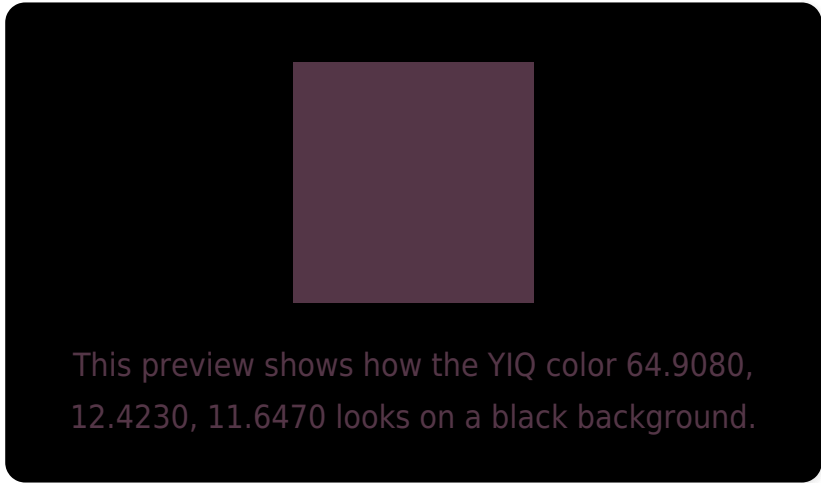
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

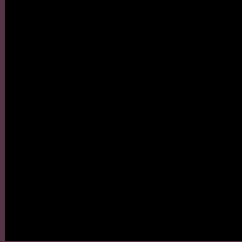
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.9080, 12.4230, 11.6470

Background



This preview shows how black text looks on a background with the YIQ color 64.9080, 12.4230, 11.6470.



This preview shows how white text looks on a background with the YIQ color 64.9080, 12.4230,

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

64.9080, 12.4230, 11.6470

Protanopia

63.6990, -6.2820, 3.7180

Deuteranopia

64.4070, 0.4120, 3.5480



Tritanopia

64.5290, 14.8080, 6.9680

Trichromacy



Original Color

64.9080, 12.4230, 11.6470

Protanomaly

64.4010, 0.5490, 6.5730

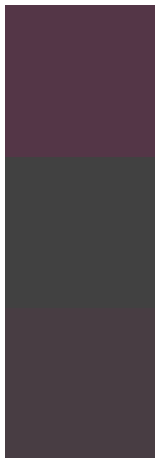
Deuteranomaly

64.4400, 4.8130, 6.3890

Tritanomaly

64.3980, 13.7990, 8.7350

Monochromacy



Original Color

64.9080, 12.4230, 11.6470

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.9080, 12.4230, 11.6470 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(84, 54, 71)` looks like.

```
.text, #text, p{  
    color:rgb(84, 54, 71)  
}
```

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(84, 54, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 54, 71) }
```

Border

The CSS property to change the border of an element to YIQ 64.9080, 12.4230, 11.6470 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(84, 54, 71) }
```


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

```
.border{ border-color:rgb(84, 54, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 54, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 54, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 54, 71);  
box-shadow:4px 4px 4px 4px rgb(84, 54, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.9080, 12.4230, 11.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 54, 71) }
```

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

```
.background{ background-color: rgb(84, 54,  
71) }
```

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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