

Converting Colors

YIQ(67.7980, 6.9210, 12.2410)

Have a look what the booklet for
YIQ(67.7980, 6.9210, 12.2410)
contains.

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Color

**YIQ(67.7980, 6.9210,
12.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	523A51
RGB	82, 58, 81
RGB Percent	32%, 23%, 32%
CMY	0.6784, 0.7726, 0.6823
CMYK	0.00, 0.29, 0.01, 0.68
HSL	303°, 17%, 27%
HSV	303°, 29%, 32%
XYZ	6.4791, 5.4139, 8.4886
YIQ	67.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

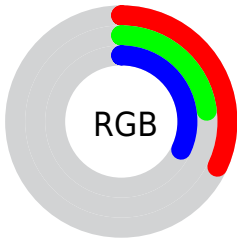
Format	Color
R_{YB}	82, 58, 81
Decimal	5388881
CIE Lab	27.88, 15.10, -9.78
CIE LCh	28, 17.990, 327.073
Yxy	5.4139, 0.3179, 0.2656
Android (android.graphics.Color)	4283578961 (0xFF523A51)
YUV	67.7980, 6.5086, 12.4552
Hunter-Lab	23.2677, 8.9864, -5.3428

Details

The YIQ color **67.7980, 6.9210, 12.2410** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **72.2020, -6.9210, -12.2410**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9230, 8.0670, 13.4990**, and **24.5590, 6.0960, 10.6720** is the 20% darker color. If you saturate the color by 10%, you get **63.1020, 9.1210, 16.4250**, and if you desaturate by 10%, it is **72.4940, 4.7210, 8.0570**.

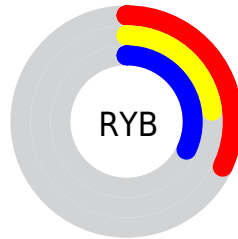
Distribution



 Red (32%)

 Green (23%)

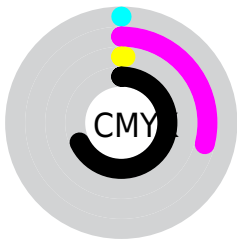
 Blue (32%)




 Red (32%)

 Yellow (23%)

 Blue (32%)

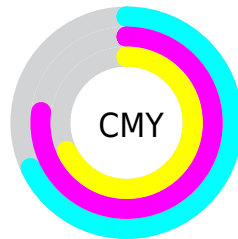


 Cyan (0%)


 Magenta (29%)

 Yellow (1%)

 Black (68%)



 Cyan (68%)

 Magenta (77%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.7980, 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 67.7980, 6.9210, 12.2410 by changing the saturation by 10% instead.

67.7980, 6.9210,
12.2410

67.7980, 6.9210,
12.2410

255.0000, -0.0000,
-0.0000

45.3850, 6.6460,
11.7180

115.9230, 8.0670,
13.4990

24.5590, 6.0960,
10.6720

141.9230, 8.0670,
13.4990

4.4010, 0.5490,
6.5730

168.3360, 8.3420,
14.0220

0.0000, 0.0000,
0.0000

195.7490, 8.6170,
14.5450

223.1620, 8.8920,
15.0680

246.1950, 4.1250,

7.8450

■ 67.7980, 6.9210,
12.2410

■ 67.7980, 6.9210,
12.2410

■ 63.1020, 9.1210,
16.4250

■ 72.4940, 4.7210,
8.0570

■ 58.2920, 11.6420,
20.2980

■ 77.3040, 2.2000,
4.1840

■ 53.0090, 14.1170,
25.0050

■ 82.5870, -0.2750,
-0.5230

■ 48.3130, 16.3170,
29.1890

■ 87.2830, -2.4750,
-4.7070

■ 43.5030, 18.8380,
33.0620

■ 92.0930, -4.9960,
-8.5800

■ 38.8070, 21.0380,
37.2460

■ 96.7890, -7.1960,
-12.7640

■ 34.1110, 23.2380,
41.4300

■ 101.4850, -9.3960,
-16.9480

■ 33.5240, 23.5130,
41.9530

■ 106.8820,
-12.1920, -21.3440

■ 111.5780,
-14.3920, -25.5280

Harmonies

Analogous

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



66.9750, -6.8790, 9.0330



67.7980, 6.9210, 12.2410



67.2460, 17.2830, 11.6750

Triad

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



67.7980, 6.9210, 12.2410



64.6240, 15.4980, -5.5420



56.2280, -36.1730, -10.7410

Complementary

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



67.7980, 6.9210, 12.2410



72.2020, -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.



58.8180, -23.3350, -12.1270



67.7980, 6.9210, 12.2410



63.7150, 4.8160, -10.1920

Square

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



67.7980, 6.9210, 12.2410



66.1350, 21.5490, 0.4370



61.7180, -8.4340, -12.3540



58.4010, -34.9820, -4.7900

Rectangle

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



67.7980, 6.9210, 12.2410



66.7040, 21.6850, 8.9890



61.7180, -8.4340, -12.3540



56.5550, -32.7800, -11.6600

Sweetspot

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



67.7980, 6.9210, 12.2410



101.1300, 2.7500, 5.2300



61.0350, -7.1080, 7.6760



50.3640, 1.9710, 2.8270



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



67.7980, 6.9210, 12.2410



85.1670, 10.4960, 19.0400



66.4300, 10.7730, 8.5090



38.6520, 1.1000, 2.0920



42.7950, 30.4800, 53.3600



94.6760, 67.0100, 118.2260

Inverse Universe

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



67.7980, 6.9210, 12.2410



85.1670, 10.4960, 19.0400



73.5700, -10.7730, -8.5090



38.6520, 1.1000, 2.0920



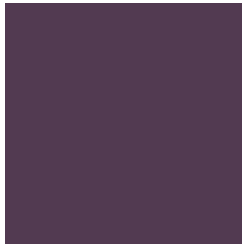
42.7950, 30.4800, 53.3600



94.6760, 67.0100, 118.2260

Previews

White Background



This preview shows how the YIQ color 67.7980, 6.9210, 12.2410 looks on a white background.

Color Contrast Check

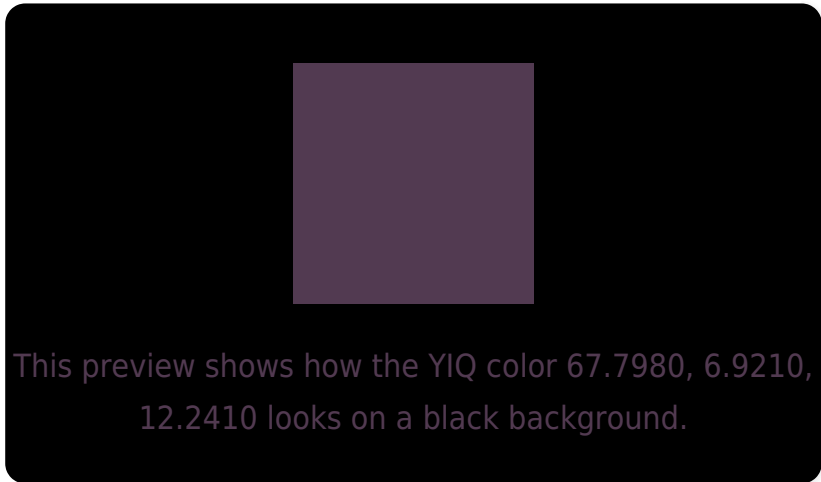
Large Text (above 18pt) WCAG AA ✓ Pass

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

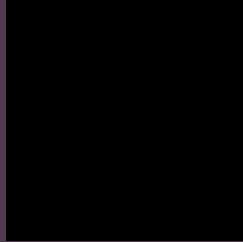
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.7980, 6.9210, 12.2410

Background



This preview shows how black text looks on a background with the YIQ color 67.7980, 6.9210, 12.2410.



This preview shows how white text looks on a background with the YIQ color 67.7980, 6.9210,

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

67.7980, 6.9210, 12.2410

Protanopia

65.8990, -9.7210, 5.4710

Deuteranopia

67.0090, -4.2190, 4.8770



Tritanopia

67.2510, 9.7190, 5.5830

Trichromacy



Original Color

67.7980, 6.9210, 12.2410

Protanomaly

66.3020, -3.4860, 8.1140

Deuteranomaly

67.0420, 0.1820, 7.7180

Tritanomaly

67.5330, 8.9850, 7.8730

Monochromacy



Original Color

67.7980, 6.9210, 12.2410

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.7980, 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(82, 58, 81)` looks like.

```
.text, #text, p{  
    color:rgb(82, 58, 81)  
}
```

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(82, 58, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 58, 81) }
```

Border

The CSS property to change the border of an element to YIQ 67.7980, 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(82, 58, 81) }
```


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

```
.border{ border-color:rgb(82, 58, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 58, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 58, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 58, 81);  
box-shadow:4px 4px 4px 4px rgb(82, 58, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.7980, 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(82, 58, 81) }
```

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

```
.background{ background-color: rgb(82, 58,  
81) }
```

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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