

Converting Colors

YIQ(51.2110, 7.1960, 12.7640)

Have a look what the booklet for
YIQ(51.2110, 7.1960, 12.7640)
contains.

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Color

**YIQ(51.2110, 7.1960,
12.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	422941
RGB	66, 41, 65
RGB Percent	26%, 16%, 25%
CMY	0.7411, 0.8392, 0.7451
CMYK	0.00, 0.38, 0.02, 0.74
HSL	302°, 23%, 21%
HSV	302°, 38%, 26%
XYZ	3.9948, 3.1257, 5.3942
YIQ	51.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

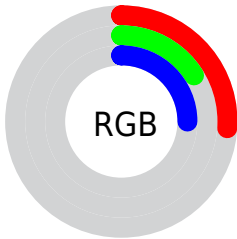
Format	Color
R_{YB}	66, 41, 65
Decimal	4335937
CIE _{Lab}	20.54, 16.34, -10.45
CIE _{LCh}	21, 19.398, 327.391
Yxy	3.1257, 0.3192, 0.2498
Android (android.graphics.Color)	4282526017 (0xFF422941)
YUV	51.2110, 6.7980, 12.9700
Hunter-Lab	17.6798, 9.3933, -5.7138

Details

The YIQ color **51.2110, 7.1960, 12.7640** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.7890, -7.1960, -12.7640**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.3360, 8.3420, 14.0220**, and **10.0970, 7.5170, 12.4530** is the 20% darker color. If you saturate the color by 10%, you get **47.1020, 9.1210, 16.4250**, and if you desaturate by 10%, it is **55.3200, 5.2710, 9.1030**.

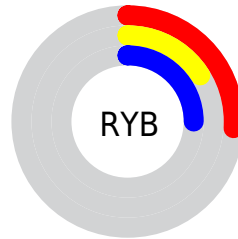
Distribution



Red (26%)

Green (16%)

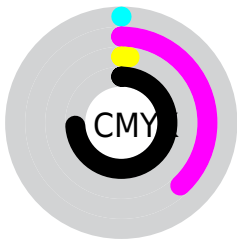
Blue (25%)



Red (26%)

Yellow (16%)

Blue (25%)

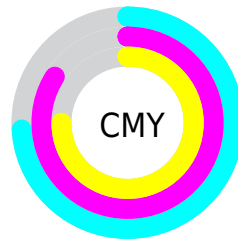


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (74%)



Cyan (74%)

Magenta (84%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.2110, 7.1960, 12.7640 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 51.2110, 7.1960, 12.7640 by changing the saturation by 10% instead.

■ 51.2110, 7.1960,
12.7640

■ 51.2110, 7.1960,
12.7640

■ 255.0000, -0.0000,
-0.0000

■ 29.4990, 6.3250,
12.0290

■ 98.3360, 8.3420,
14.0220

■ 10.0970, 7.5170,
12.4530

■ 122.7490, 8.6170,
14.5450

■ 0.0000, 0.0000,
0.0000

■ 149.1620, 8.8920,
15.0680

■ 175.5750, 9.1670,
15.5910

■ 202.9880, 9.4420,
16.1140

■ 231.2870, 10.0380,

16.3260

250.3040, 2.2000,
4.1840

51.2110, 7.1960,
12.7640

51.2110, 7.1960,
12.7640

47.1020, 9.1210,
16.4250

55.3200, 5.2710,
9.1030

43.4660, 11.0920,
19.2520

58.9560, 3.3000,
6.2760

39.3570, 13.0170,
22.9130

63.0650, 1.3750,
2.6150

35.8350, 14.6670,
26.0510

66.5870, -0.2750,
-0.5230

31.7260, 16.5920,
29.7120

70.6960, -2.2000,
-4.1840

■ 27.5030, 18.8380,
33.0620

■ 74.9190, -4.4460,
-7.5340

■ 26.9160, 19.1130,
33.5850

■ 78.4410, -6.0960,
-10.6720

■ 82.5500, -8.0210,
-14.3330

■ 86.0720, -9.6710,
-17.4710

Harmonies

Analogous

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



50.2030, -7.5210, 9.6550



51.2110, 7.1960, 12.7640



50.5450, 17.8790, 11.8870

Triad

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



51.2110, 7.1960, 12.7640



48.2110, 15.2230, -6.0650



40.5270, -35.5770, -10.5290

Complementary

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



51.2110, 7.1960, 12.7640



55.7890, -7.1960, -12.7640

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.



39.5290, -29.8910, -14.4590



51.2110, 7.1960, 12.7640



47.1880, 4.8620, -11.0260

Square

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



51.2110, 7.1960, 12.7640



49.1350, 21.5490, 0.4370



44.5330, -9.3510, -12.2550



40.6070, -38.5580, -6.0620

Rectangle

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



51.2110, 7.1960, 12.7640



50.1170, 21.9600, 9.5120



44.5330, -9.3510, -12.2550



39.9570, -33.9720, -12.0840

Sweetspot

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



51.2110, 7.1960, 12.7640



81.0160, 3.0710, 4.9190



44.1490, -7.4290, 7.9870



40.0650, 1.3750, 2.6150



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



51.2110, 7.1960, 12.7640



63.8790, 11.3670, 19.7750



49.8430, 11.0480, 9.0320



31.2390, 0.8250, 1.5690



39.6050, 27.9590, 49.4870



91.4860, 64.4890, 114.3530

Inverse Universe

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



51.2110, 7.1960, 12.7640



63.8790, 11.3670, 19.7750



57.1570, -11.0480, -9.0320



31.2390, 0.8250, 1.5690



39.6050, 27.9590, 49.4870



91.4860, 64.4890, 114.3530

Previews

White Background



This preview shows how the YIQ color 51.2110, 7.1960, 12.7640 looks on a white background.

Color Contrast Check

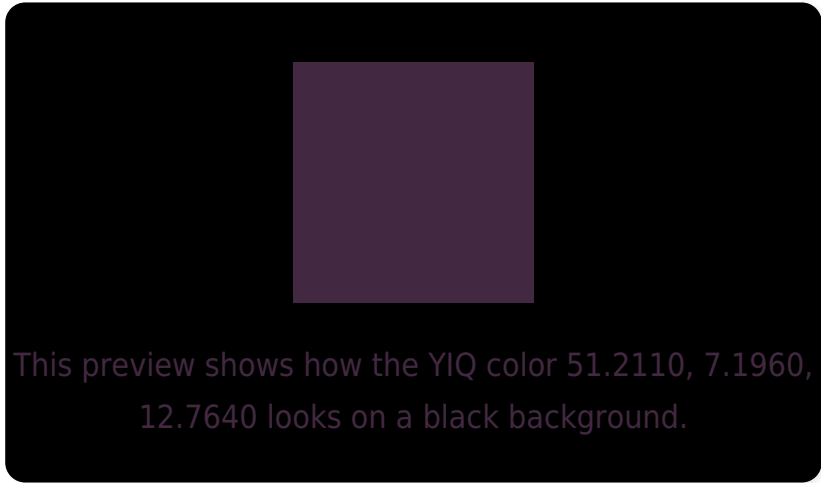
Large Text (above 18pt) WCAG AA ✓ Pass

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

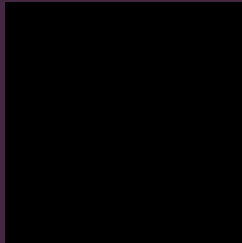
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.2110, 7.1960, 12.7640

Background



This preview shows how black text looks on a background with the YIQ color 51.2110, 7.1960, 12.7640.



This preview shows how white text looks on a background with the YIQ color 51.2110, 7.1960,

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

51.2110, 7.1960, 12.7640

Protanopia

49.7140, -10.6380, 5.5700

Deuteranopia

50.1120, -6.0070, 4.2410



Tritanopia

51.0230, 10.3610, 4.9610

Trichromacy



Original Color

51.2110, 7.1960, 12.7640

Protanomaly

50.1170, -4.4030, 8.2130

Deuteranomaly

50.4440, -1.0100, 7.2940

Tritanomaly

51.4190, 9.3060, 7.5620

Monochromacy



Original Color

51.2110, 7.1960, 12.7640

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.2110, 7.1960, 12.7640 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(66, 41, 65)` looks like.

```
.text, #text, p{  
    color:rgb(66, 41, 65)  
}
```

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(66, 41, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 41, 65) }
```

Border

The CSS property to change the border of an element to YIQ 51.2110, 7.1960, 12.7640 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(66, 41, 65) }
```


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

```
.border{ border-color:rgb(66, 41, 65) }
```

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

Here you see how a box with a 4 pixel rgb(66, 41, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 41, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 41, 65);  
box-shadow:4px 4px 4px 4px rgb(66, 41, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.2110, 7.1960, 12.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 41, 65) }
```

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

```
.background{ background-color: rgb(66, 41,  
65) }
```

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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