

Converting Colors

YIQ(66.4170, 3.6200, 11.4920)

Have a look what the booklet for
YIQ(66.4170, 3.6200, 11.4920)
contains.

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Color

**YIQ(66.4170, 3.6200,
11.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3A52
RGB	77, 58, 82
RGB Percent	30%, 23%, 32%
CMY	0.6980, 0.7726, 0.6784
CMYK	0.06, 0.29, 0.00, 0.68
HSL	288°, 17%, 27%
HSV	288°, 29%, 32%
XYZ	6.0974, 5.2129, 8.6673
YIQ	66.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

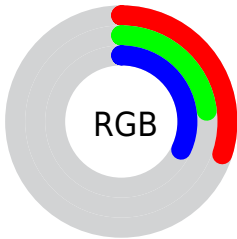
Format	Color
R_{YB}	77, 58, 82
Decimal	5061202
CIE _{Lab}	27.33, 13.38, -11.32
CIE _{LCh}	27, 17.526, 319.758
Yxy	5.2129, 0.3052, 0.2609
Android (android.graphics.Color)	4283251282 (0xFF4D3A52)
YUV	66.4170, 7.6824, 9.2813
Hunter-Lab	22.8318, 7.7142, -6.5250

Details

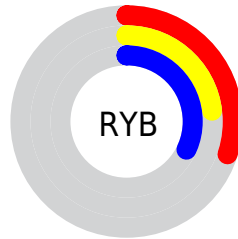
The YIQ color **66.4170, 3.6200, 11.4920** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.5830, -3.6200, -11.4920**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.2430, 4.1700, 12.5380**, and **23.1780, 2.7950, 9.9230** is the 20% darker color. If you saturate the color by 10%, you get **61.1230, 4.6280, 15.2520**, and if you desaturate by 10%, it is **71.7110, 2.6120, 7.7320**.

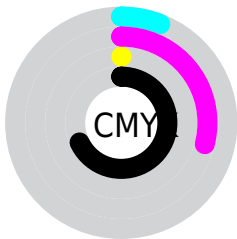
Distribution



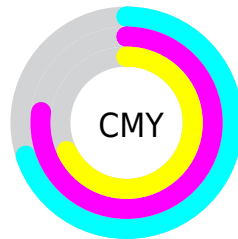
- Red (30%)
- Green (23%)
- Blue (32%)



- Red (30%)
- Yellow (23%)
- Blue (32%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (68%)



- Cyan (70%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.4170, 3.6200, 11.4920 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 66.4170, 3.6200, 11.4920 by changing the saturation by 10% instead.

■ 66.4170, 3.6200,
11.4920

■ 66.4170, 3.6200,
11.4920

■ 255.0000, -0.0000,
-0.0000

■ 44.0040, 3.3450,
10.9690

■ 114.2430, 4.1700,
12.5380

■ 23.1780, 2.7950,
9.9230

■ 140.3570, 3.8490,
12.8490

■ 1.8240, -5.1360,
4.9760

■ 166.6560, 4.4450,
13.0610

■ 0.0000, 0.0000,
0.0000

■ 194.0690, 4.7200,
13.5840

■ 221.4820, 4.9950,
14.1070

■ 246.1950, 4.1250,

7.8450

■ 66.4170, 3.6200,
11.4920

■ 66.4170, 3.6200,
11.4920

■ 61.1230, 4.6280,
15.2520

■ 71.7110, 2.6120,
7.7320

■ 56.1280, 6.2320,
19.2240

■ 76.7060, 1.0080,
3.7600

■ 50.2470, 7.5150,
23.5070

■ 82.5870, -0.2750,
-0.5230

■ 44.9530, 8.5230,
27.2670

■ 87.8810, -1.2830,
-4.2830

■ 39.9580, 10.1270,
31.2390

■ 93.1750, -2.2910,
-8.0430

■ 34.6640, 11.1350,
34.9990

■ 98.1700, -3.8950,
-12.0150

■ 29.3700, 12.1430,
38.7590

■ 103.4640, -4.9030,
-15.7750

■ 28.7830, 12.4180,
39.2820

■ 109.3450, -6.1860,
-20.0580

■ 114.3400, -7.7900,
-24.0300

Harmonies

Analogous

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



65.1810, -10.4550, 7.7610



66.4170, 3.6200, 11.4920



66.5770, 14.8530, 11.6610

Triad

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



66.4170, 3.6200, 11.4920



64.0480, 17.2400, -4.0720



55.9680, -32.5050, -11.1370

Complementary

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



66.4170, 3.6200, 11.4920



73.5830, -3.6200, -11.4920

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.



58.8570, -19.0710, -12.3110



66.4170, 3.6200, 11.4920



63.2100, 7.7960, -9.1320

Square

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



66.4170, 3.6200, 11.4920



65.1890, 21.4570, 2.1050



61.0990, -5.1330, -11.6050



56.4610, -35.2110, -6.1470

Rectangle

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



66.4170, 3.6200, 11.4920



65.8610, 19.8050, 10.0210



61.0990, -5.1330, -11.6050



56.7080, -28.8370, -11.5330

Sweetspot

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



66.4170, 3.6200, 11.4920



100.5320, 1.5580, 4.8060



63.6710, -9.0790, 4.8490



49.8800, 0.4580, 2.7140



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.



66.4170, 3.6200, 11.4920



82.8890, 5.4070, 17.6550



67.1140, 8.8470, 10.3750



38.3530, 0.5040, 1.8800



36.7870, 15.7630, 50.2510



81.4640, 35.1920, 111.1600

Inverse Universe

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



65.7460, 12.6990, 6.6430



81.8610, 19.8050, 10.0210



72.8860, -8.8470, -10.3750



38.3100, 2.0630, 1.1590



33.9030, 55.5180, 29.1020



74.8400, 122.8640, 64.1120

Previews

White Background



This preview shows how the YIQ color 66.4170, 3.6200, 11.4920 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



This preview shows how the YIQ color 66.4170, 3.6200, 11.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

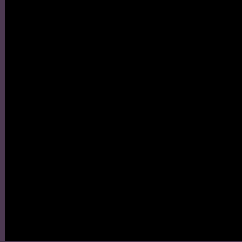
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.4170, 3.6200, 11.4920

Background



This preview shows how black text looks on a background with the YIQ color 66.4170, 3.6200, 11.4920.

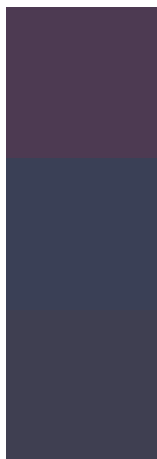


This preview shows how white text looks on a background with the YIQ color 66.4170, 3.6200,

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

66.4170, 3.6200, 11.4920

Protanopia

64.7140, -10.6380, 5.5700

Deuteranopia

65.0520, -5.7780, 5.5980



Tritanopia

65.7560, 6.7390, 4.5230

Trichromacy



Original Color

66.4170, 3.6200, 11.4920

Protanomaly

65.5190, -5.5950, 7.7890

Deuteranomaly

65.3730, -2.2480, 7.7040

Tritanomaly

66.1520, 5.6840, 7.1240

Monochromacy



Original Color

66.4170, 3.6200, 11.4920

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.4170, 3.6200, 11.4920 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(77, 58, 82)` looks like.

```
.text, #text, p{  
    color:rgb(77, 58, 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(77, 58, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 58, 82) }
```

Border

The CSS property to change the border of an element to YIQ 66.4170, 3.6200, 11.4920 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(77, 58, 82) }
```


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

```
.border{ border-color:rgb(77, 58, 82) }
```

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

Here you see how a box with a 4 pixel rgb(77, 58, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 58, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 58, 82);  
box-shadow:4px 4px 4px 4px rgb(77, 58, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.4170, 3.6200, 11.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 58, 82) }
```

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

```
.background{ background-color: rgb(77, 58,  
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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