

Converting Colors

YIQ(66.8700, 7.5590, 33.7270)

Have a look what the booklet for
YIQ(66.8700, 7.5590, 33.7270)
contains.

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Color

**YIQ(66.8700, 7.5590,
33.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	5F2B74
RGB	95, 43, 116
RGB Percent	37%, 17%, 45%
CMY	0.6273, 0.8314, 0.5451
CMYK	0.18, 0.63, 0.00, 0.55
HSL	283°, 46%, 31%
HSV	283°, 63%, 45%
XYZ	8.7389, 5.4222, 17.1069
YIQ	66.8700, 7.5590, 33.7270

Conversions

Conversions Part 2

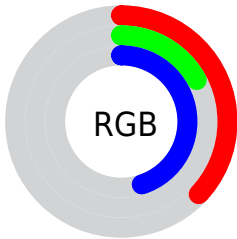
Format	Color
R_{YB}	95, 43, 116
Decimal	6237044
CIE Lab	27.91, 36.42, -32.22
CIE LCh	28, 48.631, 318.504
Yxy	5.4222, 0.2795, 0.1734
Android (android.graphics.Color)	4284427124 (0xFF5F2B74)
YUV	66.8700, 24.2211, 24.6700
Hunter-Lab	23.2856, 26.2398, -27.2579

Details

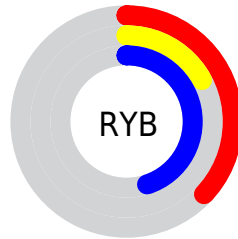
The YIQ color **66.8700, 7.5590, 33.7270** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.1300, -7.5590, -33.7270**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.5220, 8.6590, 35.8190**, and **21.0930, 5.3130, 30.3770** is the 20% darker color. If you saturate the color by 10%, you get **58.9290, 9.0710, 39.3670**, and if you desaturate by 10%, it is **74.8110, 6.0470, 28.0870**.

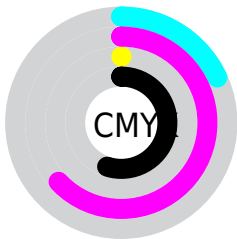
Distribution



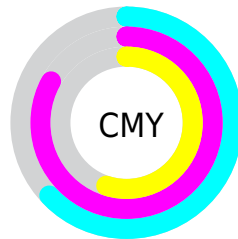
- Red (37%)
- Green (17%)
- Blue (45%)



- Red (37%)
- Yellow (17%)
- Blue (45%)



- Cyan (18%)
- Magenta (63%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (83%)
- Yellow (55%)
- Black (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.8700, 7.5590, 33.7270 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 66.8700, 7.5590, 33.7270 by changing the saturation by 10% instead.

66.8700, 7.5590,
33.7270

66.8700, 7.5590,
33.7270

255.0000, -0.0000,
-0.0000

41.8700, 7.5590,
33.7270

117.5220, 8.6590,
35.8190

21.0930, 5.3130,
30.3770

143.3480, 9.2090,
36.8650

12.6050, 0.4550,
19.2950

170.1740, 9.7590,
37.9110

3.2090, -7.6580,
6.6300

198.0000, 10.3090,
38.9570

0.0000, 0.0000,
0.0000

221.5410, 15.6750,
29.8110

237.9770, 7.9750,

15.1670

■ 66.8700, 7.5590,
33.7270

■ 66.8700, 7.5590,
33.7270

■ 58.9290, 9.0710,
39.3670

■ 74.8110, 6.0470,
28.0870

■ 51.2760, 9.7120,
44.2720

■ 82.4640, 5.4060,
23.1820

■ 43.3350, 11.2240,
49.9120

■ 90.4050, 3.8940,
17.5420

■ 38.0410, 12.2320,
53.6720

■ 97.7590, 2.6570,
12.4250

■ 105.9990, 1.7410,
6.9970

■ 113.9400, 0.2290,
1.3570

■ 121.2940, -1.0080,
-3.7600

■ 129.5340, -1.9240,
-9.1880

■ 136.8880, -3.1610,
-14.3050

Harmonies

Analogous

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



56.9100, -51.8120, 13.8840



66.8700, 7.5590, 33.7270



58.7510, 41.8070, 40.8070

Triad

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



66.8700, 7.5590, 33.7270



62.4400, 39.2030, -11.1410



58.2800, -51.1190, -15.2070

Complementary

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



66.8700, 7.5590, 33.7270



92.1300, -7.5590, -33.7270

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.



53.2470, -38.3250, -26.8130



66.8700, 7.5590, 33.7270



59.6170, 16.2350, -24.4130

Square

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



66.8700, 7.5590, 33.7270



60.1470, 56.8060, 5.7500



46.5840, -23.6970, -38.6170



60.8680, -61.1620, -3.8980

Rectangle

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



66.8700, 7.5590, 33.7270



54.7600, 54.7830, 36.9190



46.5840, -23.6970, -38.6170



56.7980, -46.9460, -19.2500

Sweetspot

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



66.8700, 7.5590, 33.7270



131.1720, 2.9320, 12.9480



64.2360, -29.4830, 11.1970



64.6400, 1.3740, 8.1420



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



66.8700, 7.5590, 33.7270



73.5140, 12.2780, 52.8380



71.4390, 24.8900, 33.5140



54.8800, 0.4580, 2.7140



39.9210, 12.6900, 56.3860



81.7220, 25.8380, 115.4860

Inverse Universe

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



67.2210, 36.7670, 22.0070



73.8480, 57.3510, 34.4310



87.5610, -24.8900, -33.5140



54.9080, 3.2550, 1.5830



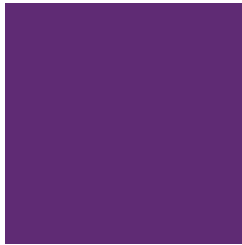
40.4680, 61.4770, 36.7490



82.9580, 125.8880, 75.3920

Previews

White Background



This preview shows how the YIQ color 66.8700, 7.5590, 33.7270 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 66.8700, 7.5590, 33.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

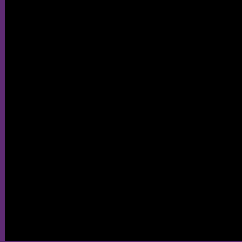
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.8700, 7.5590, 33.7270

Background



This preview shows how black text looks on a background with the YIQ color 66.8700, 7.5590, 33.7270.



This preview shows how white text looks on a background with the YIQ color 66.8700, 7.5590,

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

66.8700, 7.5590, 33.7270

Protanopia

53.1860, -61.5770, 9.1350

Deuteranopia

62.7470, -32.6000, 7.1120



Tritanopia

67.8280, 15.4040, 7.1800

Trichromacy



Original Color

66.8700, 7.5590, 33.7270

Protanomaly

58.0430, -35.9490, 18.2510

Deuteranomaly

63.9710, -18.2510, 16.8930

Tritanomaly

67.3690, 12.7430, 16.8630

Monochromacy



Original Color

66.8700, 7.5590, 33.7270

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.7590, 2.6570, 12.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.8700, 7.5590, 33.7270 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(95, 43, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 43, 116)  
}
```

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(95, 43, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 43, 116) }
```

Border

The CSS property to change the border of an element to YIQ 66.8700, 7.5590, 33.7270 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(95, 43, 116) }
```


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

```
.border{ border-color:rgb(95, 43, 116) }
```

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

Here you see how a box with a 4 pixel rgb(95, 43, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 43, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 43, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 43,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 66.8700, 7.5590, 33.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 43, 116) }
```

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

```
.background{ background-color: rgb(95, 43,  
116) }
```

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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