

Converting Colors

YIQ(69.7600, 10.0840, 15.4920)

Have a look what the booklet for
YIQ(69.7600, 10.0840, 15.4920)
contains.

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Color

**YIQ(69.7600, 10.0840,
15.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	593955
RGB	89, 57, 85
RGB Percent	35%, 22%, 33%
CMY	0.6509, 0.7765, 0.6666
CMYK	0.00, 0.36, 0.05, 0.65
HSL	308°, 22%, 29%
HSV	308°, 36%, 35%
XYZ	7.2245, 5.7059, 9.3159
YIQ	69.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

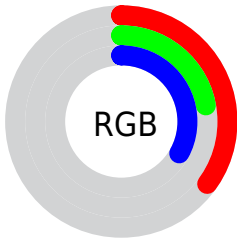
Format	Color
R_{YB}	89, 57, 85
Decimal	5847381
CIE _{Lab}	28.66, 19.31, -11.13
CIE _{LCh}	29, 22.288, 330.034
Yxy	5.7059, 0.3247, 0.2565
Android (android.graphics.Color)	4284037461 (0xFF593955)
YUV	69.7600, 7.5133, 16.8735
Hunter-Lab	23.8870, 12.1836, -6.4020

Details

The YIQ color **69.7600, 10.0840, 15.4920** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.2400, -10.0840, -15.4920**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8850, 11.2300, 16.7500**, and **25.3360, 8.3420, 14.0220** is the 20% darker color. If you saturate the color by 10%, you get **64.3630, 12.8800, 19.8880**, and if you desaturate by 10%, it is **75.1570, 7.2880, 11.0960**.

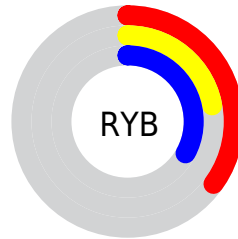
Distribution



Red (35%)

Green (22%)

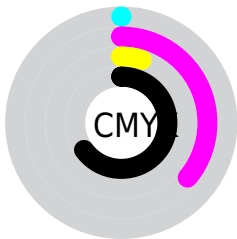
Blue (33%)



Red (35%)

Yellow (22%)

Blue (33%)

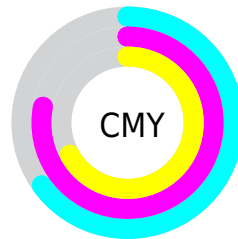


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.7600, 10.0840, 15.4920 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 69.7600, 10.0840, 15.4920 by changing the saturation by 10% instead.

69.7600, 10.0840,
15.4920

69.7600, 10.0840,
15.4920

255.0000, -0.0000,
-0.0000

47.0480, 9.2130,
14.7570

118.8850, 11.2300,
16.7500

25.3360, 8.3420,
14.0220

144.2980, 11.5050,
17.2730

8.4450, 6.4170,
10.3610

171.0100, 12.3760,
18.0080

0.0000, 0.0000,
0.0000

198.4230, 12.6510,
18.5310

226.4230, 12.6510,
18.5310

245.6080, 4.4000,

8.3680

■ 69.7600, 10.0840,
15.4920

■ 69.7600, 10.0840,
15.4920

■ 64.3630, 12.8800,
19.8880

■ 75.1570, 7.2880,
11.0960

■ 58.9660, 15.6760,
24.2840

■ 80.5540, 4.4920,
6.7000

■ 53.5690, 18.4720,
28.6800

■ 85.9510, 1.6960,
2.3040

■ 48.1720, 21.2680,
33.0760

■ 91.3480, -1.1000,
-2.0920

■ 42.6610, 24.3850,
37.1610

■ 96.8590, -4.2170,
-6.1770

■ 37.8510, 26.9060,
41.0340

■ 101.6690, -6.7380,
-10.0500

■ 35.5030, 28.0060,
43.1260

■ 107.0660, -9.5340,
-14.4460

■ 112.4630,
-12.3300, -18.8420

■ 117.8600,
-15.1260, -23.2380

Harmonies

Analogous

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



68.6700, -7.3380, 11.8460



69.7600, 10.0840, 15.4920



69.0510, 22.3260, 13.8940

Triad

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



69.7600, 10.0840, 15.4920



66.4130, 17.4700, -8.2420



54.1880, -47.8640, -13.6240

Complementary

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



69.7600, 10.0840, 15.4920



76.2400, -10.0840, -15.4920

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.



55.5280, -37.3180, -17.5260



69.7600, 10.0840, 15.4920



64.7210, 4.6790, -13.2170

Square

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



69.7600, 10.0840, 15.4920



67.0600, 26.1340, -0.0580



61.6850, -12.8350, -15.1950



54.4960, -51.4870, -8.5350

Rectangle

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



69.7600, 10.0840, 15.4920



68.3950, 27.0490, 10.8970



61.6850, -12.8350, -15.1950



54.2050, -46.5340, -15.7020

Sweetspot

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



69.7600, 10.0840, 15.4920



107.1410, 4.2170, 6.1770



61.8440, -7.8880, 10.8000



54.1900, 2.5210, 3.8730



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



69.7600, 10.0840, 15.4920



84.9660, 15.6760, 24.2840



67.9360, 15.2200, 10.5160



40.6520, 1.1000, 2.0920



42.7090, 33.5980, 51.9180



93.6350, 74.2550, 113.5750

Inverse Universe

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



69.7600, 10.0840, 15.4920



84.9660, 15.6760, 24.2840



78.0640, -15.2200, -10.5160



40.6520, 1.1000, 2.0920



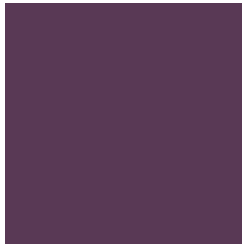
42.7090, 33.5980, 51.9180



93.6350, 74.2550, 113.5750

Previews

White Background



This preview shows how the YIQ color 69.7600, 10.0840, 15.4920 looks on a white background.

Color Contrast Check

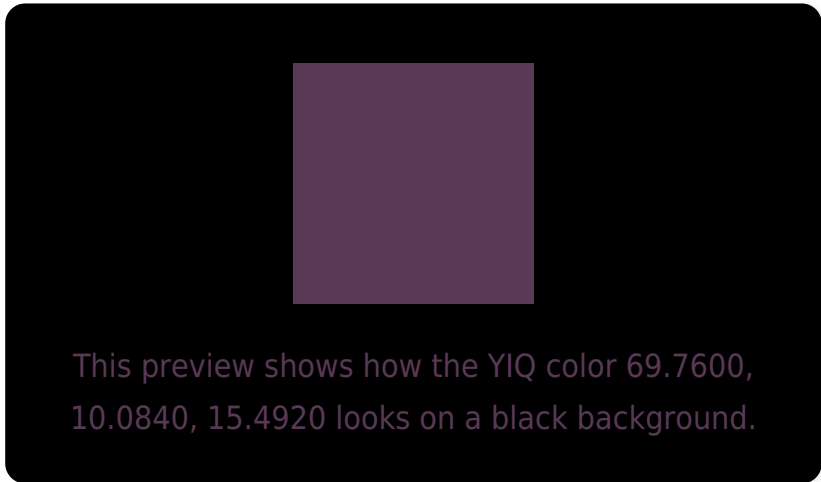
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

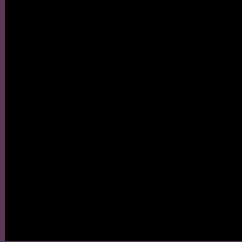
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.7600, 10.0840, 15.4920

Background



This preview shows how black text looks on a background with the YIQ color 69.7600, 10.0840, 15.4920.



This preview shows how white text looks on a background with the YIQ color 69.7600, 10.0840,

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

69.7600, 10.0840, 15.4920

Protanopia

68.0560, -11.6010, 6.5030

Deuteranopia

68.2370, -4.8610, 5.4990



Tritanopia

69.3440, 13.8910, 7.0670

Trichromacy



Original Color

69.7600, 10.0840, 15.4920

Protanomaly

68.3560, -3.5780, 9.7820

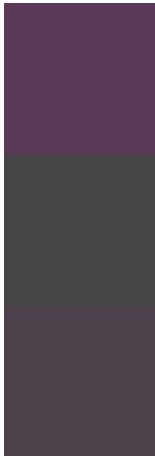
Deuteranomaly

68.9820, 0.4110, 9.0750

Tritanomaly

69.8540, 12.5150, 9.9790

Monochromacy



Original Color

69.7600, 10.0840, 15.4920

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7280, 3.9420, 5.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.7600, 10.0840, 15.4920 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(89, 57, 85)` looks like.

```
.text, #text, p{  
    color:rgb(89, 57, 85)  
}
```

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(89, 57, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 57, 85) }
```

Border

The CSS property to change the border of an element to YIQ 69.7600, 10.0840, 15.4920 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(89, 57, 85) }
```


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

```
.border{ border-color:rgb(89, 57, 85) }
```

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

Here you see how a box with a 4 pixel rgb(89, 57, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 57, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 57, 85);  
box-shadow:4px 4px 4px 4px rgb(89, 57, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.7600, 10.0840, 15.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 57, 85) }
```

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

```
.background{ background-color: rgb(89, 57,  
85) }
```

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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