

Converting Colors

YIQ(85.4660, 11.0920, 19.2520)

Have a look what the booklet for
YIQ(85.4660, 11.0920, 19.2520)
contains.

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Color

**YIQ(85.4660, 11.0920,
19.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	6C466A
RGB	108, 70, 106
RGB Percent	42%, 27%, 42%
CMY	0.5764, 0.7255, 0.5843
CMYK	0.00, 0.35, 0.02, 0.58
HSL	303°, 21%, 35%
HSV	303°, 35%, 42%
XYZ	10.9787, 8.6090, 14.7198
YIQ	85.4660, 11.0920, 19.2520

Conversions

Conversions Part 2

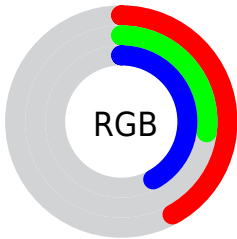
Format	Color
R_{YB}	108, 70, 106
Decimal	7095914
CIE _{Lab}	35.22, 22.73, -14.34
CIE _{LCh}	35, 26.872, 327.758
Yxy	8.6090, 0.3200, 0.2509
Android (android.graphics.Color)	4285285994 (0xFF6C466A)
YUV	85.4660, 10.1233, 19.7623
Hunter-Lab	29.3411, 15.4437, -9.2059

Details

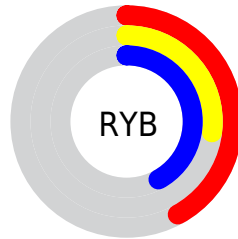
The YIQ color **85.4660, 11.0920, 19.2520** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.5340, -11.0920, -19.2520**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5910, 12.2380, 20.5100**, and **39.0420, 9.3500, 17.7820** is the 20% darker color. If you saturate the color by 10%, you get **78.8950, 14.4380, 24.6940**, and if you desaturate by 10%, it is **92.0370, 7.7460, 13.8100**.

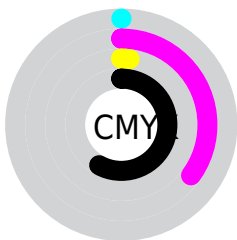
Distribution



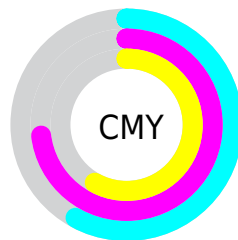
- Red (42%)
- Green (27%)
- Blue (42%)



- Red (42%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.4660, 11.0920, 19.2520 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 85.4660, 11.0920, 19.2520 by changing the saturation by 10% instead.

■ 85.4660, 11.0920,
19.2520

■ 85.4660, 11.0920,
19.2520

■ 255.0000, -0.0000,
-0.0000

■ 61.7540, 10.2210,
18.5170

■ 135.5910, 12.2380,
20.5100

■ 39.0420, 9.3500,
17.7820

■ 162.0040, 12.5130,
21.0330

■ 16.4550, 9.6250,
18.3050

■ 189.4170, 12.7880,
21.5560

■ 1.5960, -4.4940,
4.3540

■ 217.1290, 13.6590,
22.2910

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 7.7000,
14.6440

85.4660, 11.0920,
19.2520

85.4660, 11.0920,
19.2520

78.8950, 14.4380,
24.6940

92.0370, 7.7460,
13.8100

72.4380, 17.4630,
30.4470

98.4940, 4.7210,
8.0570

66.4540, 20.5340,
35.3660

104.4780, 1.6500,
3.1380

59.9970, 23.5590,
41.1190

110.9350, -1.3750,
-2.6150

53.4260, 26.9050,
46.5610

117.5060, -4.7210,
-8.0570

46.9690, 29.9300,
52.3140


123.9630, -7.7460,
-13.8100

43.9200, 31.6260,
54.6180

130.5340,
-11.0920, -19.2520

136.5180,

-14.1630, -24.1710

 142.9750,
-17.1880, -29.9240

Harmonies

Analogous

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



84.0980, -11.4190, 14.2210



85.4660, 11.0920, 19.2520



84.3230, 27.5520, 18.3040

Triad

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



85.4660, 11.0920, 19.2520



81.2950, 23.6140, -9.4580



66.8060, -58.5920, -17.4400

Complementary

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



85.4660, 11.0920, 19.2520



92.5340, -11.0920, -19.2520

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.



66.6900, -46.7620, -22.5860



85.4660, 11.0920, 19.2520



79.3960, 6.9720, -16.2280

Square

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



85.4660, 11.0920, 19.2520



82.2950, 32.7820, 0.6060



75.6800, -14.4390, -19.1670



66.9830, -63.2240, -10.5840

Rectangle

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



85.4660, 11.0920, 19.2520



83.9120, 32.9630, 13.8510



75.6800, -14.4390, -19.1670



66.0080, -56.3450, -19.6170

Sweetspot

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



85.4660, 11.0920, 19.2520



131.0810, 4.4460, 7.5340



74.9300, -11.0060, 12.2420



65.7170, 2.4750, 4.7070



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



85.4660, 11.0920, 19.2520



105.0250, 17.1880, 29.9240



83.3000, 17.1910, 13.3430



50.3640, 1.9710, 2.8270



47.6370, 34.1010, 59.3250



99.7030, 71.5480, 124.0920

Inverse Universe

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



85.4660, 11.0920, 19.2520



105.0250, 17.1880, 29.9240



94.7000, -17.1910, -13.3430



50.3640, 1.9710, 2.8270



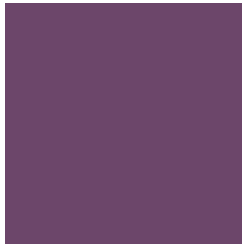
47.6370, 34.1010, 59.3250



99.7030, 71.5480, 124.0920

Previews

White Background



This preview shows how the YIQ color 85.4660, 11.0920, 19.2520 looks on a white background.

Color Contrast Check

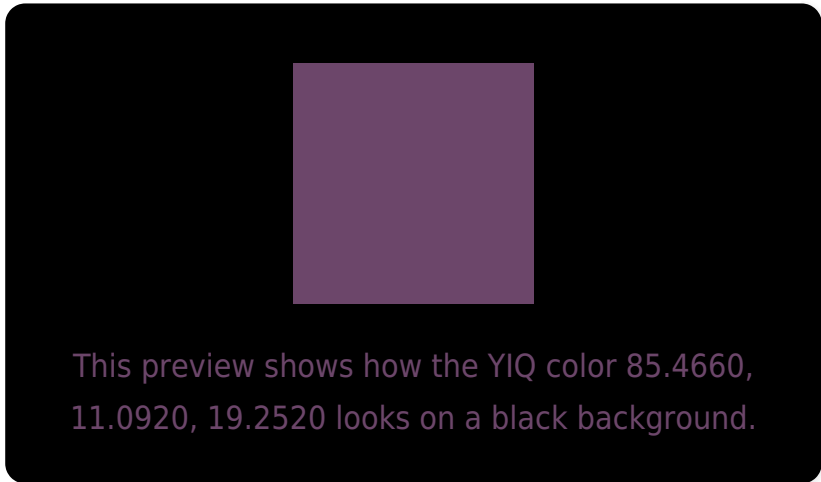
Large Text (above 18pt) WCAG AA ✓ Pass

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

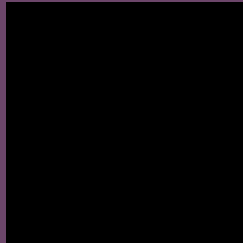
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4660, 11.0920, 19.2520

Background



This preview shows how black text looks on a background with the YIQ color 85.4660, 11.0920, 19.2520.

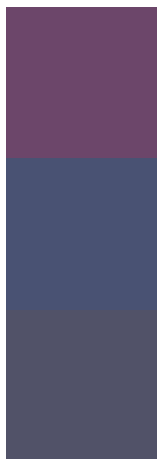


This preview shows how white text looks on a background with the YIQ color 85.4660, 11.0920,

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

85.4660, 11.0920, 19.2520

Protanopia

83.0710, -15.9570, 8.3550

Deuteranopia

84.2090, -7.6580, 6.6300



Tritanopia

84.6540, 15.9540, 8.2260

Trichromacy



Original Color

85.4660, 11.0920, 19.2520

Protanomaly

84.2680, -6.1460, 12.2700

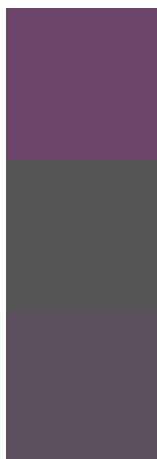
Deuteranomaly

84.9650, -0.9190, 11.1530

Tritanomaly

84.8050, 14.2110, 12.2830

Monochromacy



Original Color

85.4660, 11.0920, 19.2520

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.3690, 3.5750, 6.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4660, 11.0920, 19.2520 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(108, 70, 106)` looks like.

```
.text, #text, p{  
    color:rgb(108, 70, 106)  
}
```

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(108, 70, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 70, 106) }
```

Border

The CSS property to change the border of an element to YIQ 85.4660, 11.0920, 19.2520 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(108, 70, 106) }
```


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

```
.border{ border-color:rgb(108, 70, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 70, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 70, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 70, 106);  
box-shadow:4px 4px 4px 4px rgb(108, 70,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4660, 11.0920, 19.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 70, 106) }
```

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

```
.background{ background-color: rgb(108, 70,  
106) }
```

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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