

Converting Colors

YIQ(60.8340, 25.5760, 43.1120)

Have a look what the booklet for
YIQ(60.8340, 25.5760, 43.1120)
contains.

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Color

**YIQ(60.8340, 25.5760,
43.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	701A6A
RGB	112, 26, 106
RGB Percent	44%, 10%, 42%
CMY	0.5605, 0.8982, 0.5843
CMYK	0.00, 0.77, 0.05, 0.56
HSL	304°, 62%, 27%
HSV	304°, 77%, 44%
XYZ	9.6610, 5.2270, 14.1381
YIQ	60.8340, 25.5760, 43.1120

Conversions

Conversions Part 2

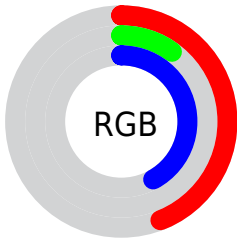
Format	Color
R_{YB}	112, 26, 106
Decimal	7346794
CIE _{Lab}	27.37, 46.40, -26.50
CIE _{LCh}	27, 53.430, 330.269
Yxy	5.2270, 0.3328, 0.1801
Android (android.graphics.Color)	4285536874 (0xFF701A6A)
YUV	60.8340, 22.2668, 44.8726
Hunter-Lab	22.8627, 35.4184, -20.6607

Details

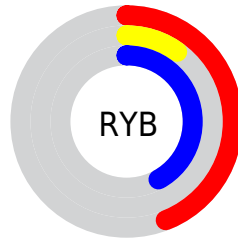
The YIQ color **60.8340, 25.5760, 43.1120** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.1660, -25.5760, -43.1120**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **114.6060, 26.2180, 42.4900**, and **24.5520, 17.1420, 30.7580** is the 20% darker color. If you saturate the color by 10%, you get **54.2630, 28.9220, 48.5540**, and if you desaturate by 10%, it is **67.4050, 22.2300, 37.6700**.

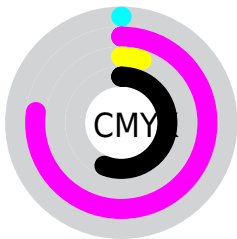
Distribution



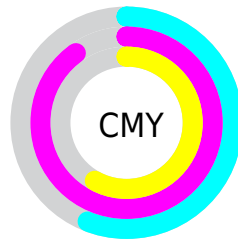
- Red (44%)
- Green (10%)
- Blue (42%)



- Red (44%)
- Yellow (10%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (5%)
- Black (56%)



- Cyan (56%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.8340, 25.5760, 43.1120 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 60.8340, 25.5760, 43.1120 by changing the saturation by 10% instead.

60.8340, 25.5760,
43.1120

60.8340, 25.5760,
43.1120

255.0000, -0.0000,
-0.0000

35.0620, 24.9340,
43.7340

114.6060, 26.2180,
42.4900

24.5520, 17.1420,
30.7580

141.6170, 27.6850,
43.4370

15.4660, 11.0920,
19.2520

168.4430, 28.2350,
44.4830

1.2540, -3.5310,
3.4210


197.0410, 29.4270,
44.9070


0.0000, 0.0000,
0.0000


215.0840, 18.7000,
35.5640


232.1070, 10.7250,


20.3970


 249.1300, 2.7500,
5.2300


 60.8340, 25.5760,
43.1120


 60.8340, 25.5760,
43.1120


 54.2630, 28.9220,
48.5540


 67.4050, 22.2300,
37.6700


 47.6920, 32.2680,
53.9960

 73.9760, 18.8840,
32.2280

 45.3440, 33.3680,
56.0880

 81.0200, 15.5840,
25.9520

 87.5910, 12.2380,
20.5100

 94.1620, 8.8920,
15.0680

■ 100.7330, 5.5460,
9.6260

■ 107.3040, 2.2000,
4.1840

■ 114.3480, -1.1000,
-2.0920

■ 120.9190, -4.4460,
-7.5340

Harmonies

Analogous

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



63.6580, -24.2590, 26.6610



60.8340, 25.5760, 43.1120



47.2910, 58.0820, 48.7220

Triad

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



60.8340, 25.5760, 43.1120



60.9010, 30.3550, -15.9890



60.1040, -56.2550, -10.2310

Complementary

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



60.8340, 25.5760, 43.1120



77.1660, -25.5760, -43.1120

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.



54.8430, -42.8190, -22.4590



60.8340, 25.5760, 43.1120



55.0990, 2.8940, -30.4340

Square

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



60.8340, 25.5760, 43.1120



59.6040, 53.7810, -0.0030



48.5390, -27.8240, -35.4080



61.8770, -65.3810, 0.9790

Rectangle

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



60.8340, 25.5760, 43.1120



45.9740, 65.9240, 38.7560



48.5390, -27.8240, -35.4080



58.6220, -52.0820, -14.2740

Sweetspot

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



60.8340, 25.5760, 43.1120



125.4010, 9.7170, 16.6370



37.5980, -24.0300, 28.0180



61.4450, 6.4170, 10.3610



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



60.8340, 25.5760, 43.1120



65.9030, 39.4640, 66.7600



55.9320, 39.3790, 29.7390



52.4780, 1.6500, 3.1380



48.5340, 35.8890, 59.9610



100.0730, 73.3820, 123.8940

Inverse Universe

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



60.8340, 25.5760, 43.1120



65.9030, 39.4640, 66.7600



82.0680, -39.3790, -29.7390



52.4780, 1.6500, 3.1380



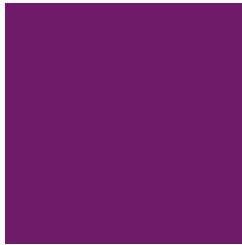
48.5340, 35.8890, 59.9610



100.0730, 73.3820, 123.8940

Previews

White Background



This preview shows how the YIQ color 60.8340, 25.5760, 43.1120 looks on a white background.

Color Contrast Check

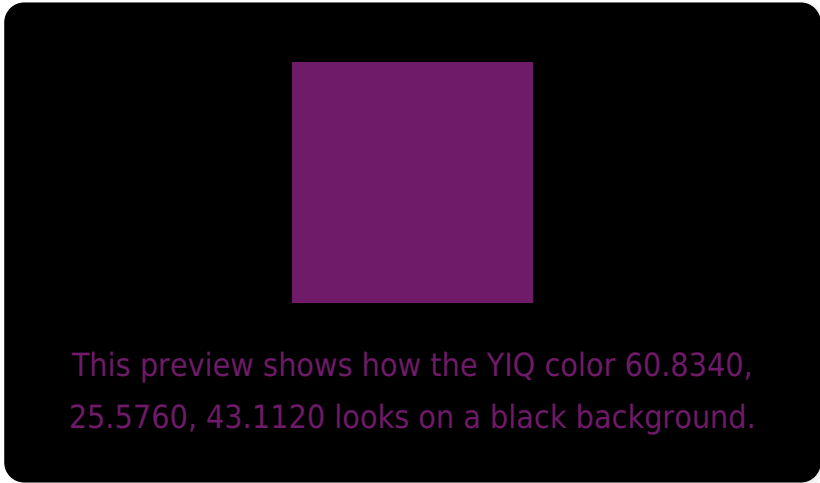
Large Text (above 18pt) WCAG AA ✓ Pass

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

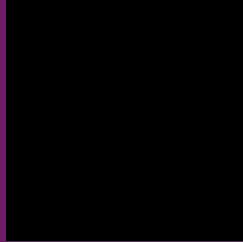
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.8340, 25.5760, 43.1120

Background



This preview shows how black text looks on a background with the YIQ color 60.8340, 25.5760, 43.1120.



This preview shows how white text looks on a background with the YIQ color 60.8340, 25.5760,

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

60.8340, 25.5760, 43.1120

Protanopia

53.0720, -61.2560, 8.8240

Deuteranopia

65.0920, -20.4500, 7.1820



Tritanopia

64.9830, 34.2010, 13.4410

Trichromacy



Original Color

60.8340, 25.5760, 43.1120

Protanomaly

55.8590, -29.4390, 21.4170

Deuteranomaly

63.3920, -3.2590, 20.5250

Tritanomaly

63.1650, 31.1730, 24.2690

Monochromacy



Original Color

60.8340, 25.5760, 43.1120

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.8740, 9.7630, 15.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.8340, 25.5760, 43.1120 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(112, 26, 106)` looks like.

```
.text, #text, p{  
    color:rgb(112, 26, 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(112, 26, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 26, 106) }
```

Border

The CSS property to change the border of an element to YIQ 60.8340, 25.5760, 43.1120 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(112, 26, 106) }
```


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

```
.border{ border-color:rgb(112, 26, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 26, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 26, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 26, 106);  
box-shadow:4px 4px 4px 4px rgb(112, 26,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 60.8340, 25.5760, 43.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 26, 106) }
```

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

```
.background{ background-color: rgb(112, 26,  
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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