

Converting Colors

YIQ(56.0800, 33.6910, 44.7230)

Have a look what the booklet for
YIQ(56.0800, 33.6910, 44.7230)
contains.

YIQ(56.0800, 33.6910, 44.7230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(56.0800, 33.6910,
44.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	74125F
RGB	116, 18, 95
RGB Percent	45%, 7%, 37%
CMY	0.5448, 0.9295, 0.6274
CMYK	0.00, 0.85, 0.18, 0.54
HSL	313°, 73%, 26%
HSV	313°, 85%, 46%
XYZ	9.4941, 4.9758, 11.2910
YIQ	56.0800, 33.6910, 44.7230

Conversions

Conversions Part 2

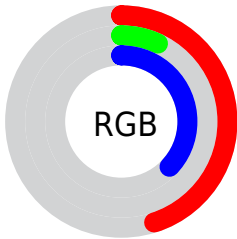
Format	Color
R_{YB}	116, 18, 95
Decimal	7606879
CIE _{Lab}	26.67, 48.09, -20.40
CIE _{LCh}	27, 52.238, 337.012
Yxy	4.9758, 0.3685, 0.1932
Android (android.graphics.Color)	4285796959 (0xFF74125F)
YUV	56.0800, 19.1876, 52.5498
Hunter-Lab	22.3064, 36.9368, -14.3967

Details

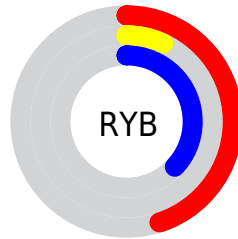
The YIQ color **56.0800, 33.6910, 44.7230** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.9200, -33.6910, -44.7230**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7980, 34.4250, 42.4330**, and **24.6080, 22.7360, 28.4960** is the 20% darker color. If you saturate the color by 10%, you get **48.8080, 37.6330, 50.3770**, and if you desaturate by 10%, it is **63.4660, 29.4280, 39.3800**.

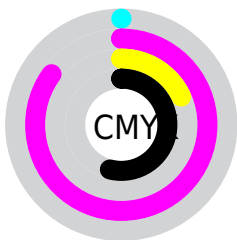
Distribution



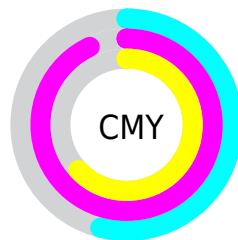
- Red (45%)
- Green (7%)
- Blue (37%)



- Red (45%)
- Yellow (7%)
- Blue (37%)



- Cyan (0%)
- Magenta (85%)
- Yellow (18%)
- Black (54%)





- Cyan (54%)
- Magenta (93%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 56.0800, 33.6910, 44.7230 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 56.0800, 33.6910, 44.7230 by changing the saturation by 10% instead.


 56.0800, 33.6910,
44.7230


 56.0800, 33.6910,
44.7230


255.0000, -0.0000,
-0.0000


 35.0040, 30.8490,
41.1610


 111.7980, 34.4250,
42.4330


 24.6080, 22.7360,
28.4960


 138.6950, 36.2130,
43.0690

 15.1520, 14.8520,
17.1880

 166.4070, 37.0840,
43.8040


 0.0000, 0.0000,
0.0000


 193.2220, 36.1670,
43.9030


 212.7360, 19.8000,
37.6560


 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 56.0800, 33.6910,
44.7230


 56.0800, 33.6910,
44.7230


 48.8080, 37.6330,
50.3770


 63.4660, 29.4280,
39.3800

 45.0580, 39.9250,
52.8930

 70.1510, 25.7610,
34.2490

 77.4230, 21.8190,
28.5950

 84.2220, 17.8310,
23.7750

 91.4940, 13.8890,
18.1210

■ 98.8800, 9.6260,
12.7780

■ 105.5650, 5.9590,
7.6470

■ 112.9510, 1.6960,
2.3040

■ 119.6360, -1.9710,
-2.8270

Harmonies

Analogous

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



63.7090, -11.1010, 30.4910



56.0800, 33.6910, 44.7230



45.5530, 60.1000, 45.1880

Triad

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



56.0800, 33.6910, 44.7230



59.0850, 23.8450, -19.1550



59.0270, -57.3560, -6.7960

Complementary

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



56.0800, 33.6910, 44.7230



77.9200, -33.6910, -44.7230

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.



55.1680, -45.1120, -19.4480



56.0800, 33.6910, 44.7230



50.0270, -5.7710, -33.0910

Square

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



56.0800, 33.6910, 44.7230



59.2610, 47.3170, -4.0030



49.0920, -30.7590, -31.7750



59.6430, -64.6020, 3.3820

Rectangle

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



56.0800, 33.6910, 44.7230



49.3230, 63.0830, 29.6670



49.0920, -30.7590, -31.7750



58.1320, -53.4580, -11.3620

Sweetspot

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



56.0800, 33.6910, 44.7230



127.3690, 12.7430, 16.8630



35.1520, -19.5380, 34.7180



62.9290, 7.9300, 10.4740



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.



56.0800, 33.6910, 44.7230



58.3020, 51.5220, 68.4980



50.6080, 49.0990, 29.7950



55.2500, 2.2920, 2.5160



47.4220, 41.8960, 55.7200



97.0940, 86.0840, 113.9560

Inverse Universe

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



56.0800, 33.6910, 44.7230



58.3020, 51.5220, 68.4980



83.3920, -49.0990, -29.7950



55.2500, 2.2920, 2.5160



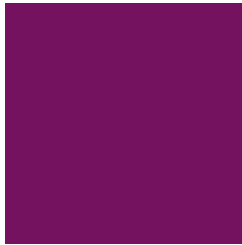
47.4220, 41.8960, 55.7200



97.0940, 86.0840, 113.9560

Previews

White Background



This preview shows how the YIQ color 56.0800, 33.6910, 44.7230 looks on a white background.

Color Contrast Check

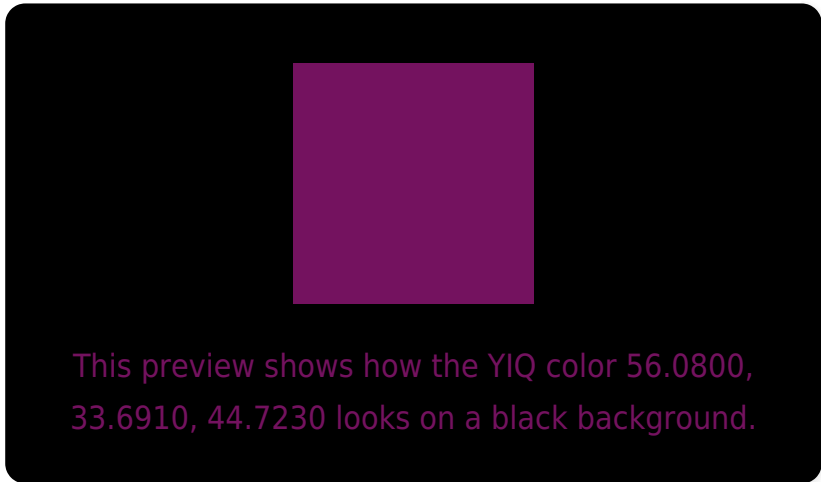
Large Text (above 18pt) WCAG AA ✓ Pass

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

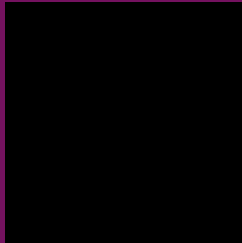
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.0800, 33.6910, 44.7230

Background



This preview shows how black text looks on a background with the YIQ color 56.0800, 33.6910, 44.7230.



This preview shows how white text looks on a background with the YIQ color 56.0800, 33.6910,

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

56.0800, 33.6910, 44.7230

Protanopia

57.5960, -48.0520, 11.8200

Deuteranopia

64.7570, -12.1970, 6.2910



Tritanopia

61.8700, 41.9490, 16.1970

Trichromacy



Original Color

56.0800, 33.6910, 44.7230

Protanomaly

57.1870, -18.6190, 23.5650

Deuteranomaly

61.2850, 4.3520, 20.2560

Tritanomaly

59.6390, 38.6460, 26.5020

Monochromacy



Original Color

56.0800, 33.6910, 44.7230

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.9560, 12.4680, 16.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.0800, 33.6910, 44.7230 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(116, 18, 95)` looks like.

```
.text, #text, p{  
    color:rgb(116, 18, 95)  
}
```

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(116, 18, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 18, 95) }
```

Border

The CSS property to change the border of an element to YIQ 56.0800, 33.6910, 44.7230 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(116, 18, 95) }
```


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

```
.border{ border-color:rgb(116, 18, 95) }
```

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

Here you see how a box with a 4 pixel rgb(116, 18, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 18, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 18, 95);  
box-shadow:4px 4px 4px 4px rgb(116, 18,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 56.0800, 33.6910, 44.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 18, 95) }
```

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

```
.background{ background-color: rgb(116, 18,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor