

Converting Colors

YIQ(56.0600, 36.4430, 38.8990)

Have a look what the booklet for
YIQ(56.0600, 36.4430, 38.8990)
contains.

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Color

**YIQ(56.0600, 36.4430,
38.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	731552
RGB	115, 21, 82
RGB Percent	45%, 8%, 32%
CMY	0.5488, 0.9178, 0.6783
CMYK	0.00, 0.82, 0.29, 0.55
HSL	321°, 69%, 27%
HSV	321°, 82%, 45%
XYZ	8.8704, 4.7938, 8.4454
YIQ	56.0600, 36.4430, 38.8990

Conversions

Conversions Part 2

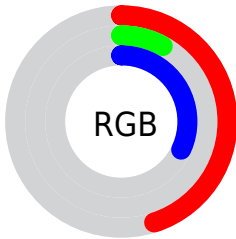
Format	Color
R_{YB}	115, 21, 82
Decimal	7542098
CIE _{Lab}	26.14, 45.16, -12.64
CIE _{LCh}	26, 46.899, 344.365
Yxy	4.7938, 0.4012, 0.2168
Android (android.graphics.Color)	4285732178 (0xFF731552)
YUV	56.0600, 12.7884, 51.6904
Hunter-Lab	21.8948, 34.0010, -7.5433

Details

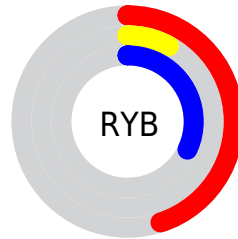
The YIQ color **56.0600, 36.4430, 38.8990** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **79.9400, -36.4430, -38.8990**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3760, 38.3690, 37.0330**, and **23.0550, 25.6710, 24.8630** is the 20% darker color. If you saturate the color by 10%, you get **48.5600, 41.0270, 43.9310**, and if you desaturate by 10%, it is **62.9730, 32.1340, 34.3900**.

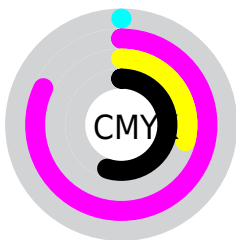
Distribution



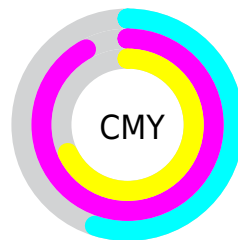
- Red (45%)
- Green (8%)
- Blue (32%)



- Red (45%)
- Yellow (8%)
- Blue (32%)



- Cyan (0%)
- Magenta (82%)
- Yellow (29%)
- Black (55%)



- Cyan (55%)
- Magenta (92%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.0600, 36.4430, 38.8990 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 56.0600, 36.4430, 38.8990 by changing the saturation by 10% instead.

56.0600, 36.4430,
38.8990

56.0600, 36.4430,
38.8990

255.0000, -0.0000,
-0.0000

33.0380, 33.5090,
37.0050

110.3760, 38.3690,
37.0330

23.0550, 25.6710,
24.8630

137.3870, 39.8360,
37.9800

13.3710, 18.4290,
12.9330

164.9850, 41.0280,
38.4040

0.0000, 0.0000,
0.0000

191.9850, 41.0280,
38.4040

211.1400, 24.2940,
33.3020

229.7590, 11.8250,

22.4890

246.7820, 3.8500,
7.3220

56.0600, 36.4430,
38.8990

56.0600, 36.4430,
38.8990

48.5600, 41.0270,
43.9310

62.9730, 32.1340,
34.3900

42.9350, 44.4650,
47.7050

70.4730, 27.5500,
29.3580

77.3860, 23.2410,
24.8490

84.8860, 18.6570,
19.8170

92.3860, 14.0730,
14.7850

■ 99.2990, 9.7640,
10.2760

■ 106.7990, 5.1800,
5.2440

■ 113.7120, 0.8710,
0.7350

■ 121.2120, -3.7130,
-4.2970

Harmonies

Analogous

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



63.2390, 1.9660, 30.4620



56.0600, 36.4430, 38.8990



50.8260, 54.4170, 32.5370

Triad

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



56.0600, 36.4430, 38.8990



56.9810, 18.2060, -21.5860



57.2660, -56.5310, -5.2270

Complementary

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



56.0600, 36.4430, 38.8990



79.9400, -36.4430, -38.8990

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.



54.2050, -46.5340, -15.7020



56.0600, 36.4430, 38.8990



46.4390, -12.9230, -35.6350

Square

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



56.0600, 36.4430, 38.8990



58.6190, 40.2570, -8.2150



49.2860, -34.0610, -26.9970



56.6110, -61.5760, 3.6080

Rectangle

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



56.0600, 36.4430, 38.8990



54.7530, 55.5200, 18.0480



49.2860, -34.0610, -26.9970



56.8270, -53.9170, -8.5490

Sweetspot

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



56.0600, 36.4430, 38.8990



126.7990, 14.3480, 15.3080



41.5830, -10.5060, 36.2300



62.4730, 9.2140, 9.2300



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.



56.0600, 36.4430, 38.8990



57.8970, 56.7960, 61.0200



50.7020, 51.5300, 24.2820



55.2500, 2.2920, 2.5160



45.4840, 47.3530, 50.4330



93.2180, 96.9980, 103.3820

Inverse Universe

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



56.0600, 36.4430, 38.8990



57.8970, 56.7960, 61.0200



85.2980, -51.5300, -24.2820



55.2500, 2.2920, 2.5160



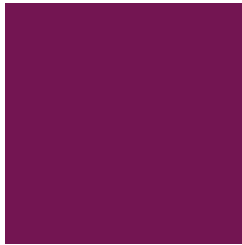
45.4840, 47.3530, 50.4330



93.2180, 96.9980, 103.3820

Previews

White Background



This preview shows how the YIQ color 56.0600, 36.4430, 38.8990 looks on a white background.

Color Contrast Check

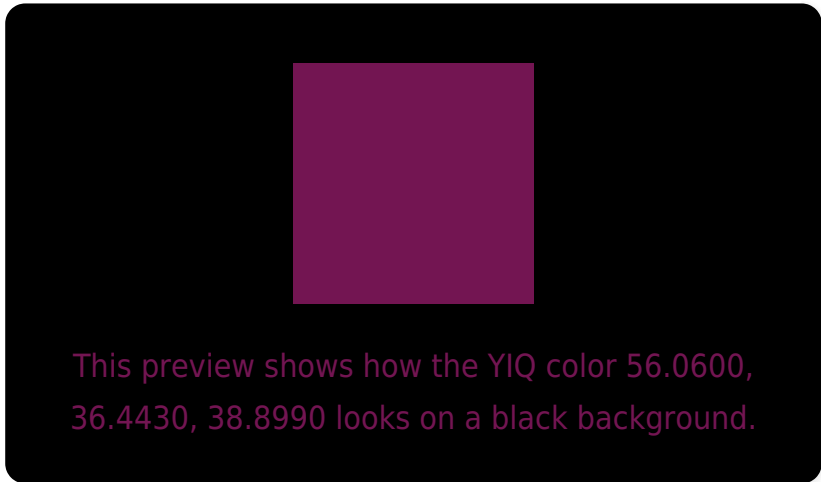
Large Text (above 18pt) WCAG AA ✓ Pass

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

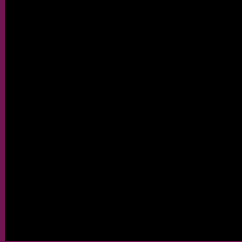
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.0600, 36.4430, 38.8990

Background



This preview shows how black text looks on a background with the YIQ color 56.0600, 36.4430, 38.8990.



This preview shows how white text looks on a background with the YIQ color 56.0600, 36.4430,

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

56.0600, 36.4430, 38.8990

Protanopia

61.4210, -28.5660, 11.0980

Deuteranopia

64.0090, -4.2190, 4.8770



Tritanopia

59.6530, 44.0580, 16.5220

Trichromacy



Original Color

56.0600, 36.4430, 38.8990

Protanomaly

59.4350, -4.8180, 21.2460

Deuteranomaly

61.1130, 10.5880, 17.3720

Tritanomaly

58.2540, 41.1680, 24.8480

Monochromacy



Original Color

56.0600, 36.4430, 38.8990

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.6740, 13.2020, 14.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.0600, 36.4430, 38.8990 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(115, 21, 82)` looks like.

```
.text, #text, p{  
    color:rgb(115, 21, 82)  
}
```

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(115, 21, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 21, 82) }
```

Border

The CSS property to change the border of an element to YIQ 56.0600, 36.4430, 38.8990 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(115, 21, 82) }
```


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

```
.border{ border-color:rgb(115, 21, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 21, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 21, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 21, 82);  
box-shadow:4px 4px 4px 4px rgb(115, 21,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 56.0600, 36.4430, 38.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 21, 82) }
```

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

```
.background{ background-color: rgb(115, 21,  
82) }
```

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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