

Converting Colors

YIQ(56.9600, 15.8130, 27.3090)

Have a look what the booklet for
YIQ(56.9600, 15.8130, 27.3090)
contains.

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Color

**YIQ(56.9600, 15.8130,
27.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	592356
RGB	89, 35, 86
RGB Percent	35%, 14%, 34%
CMY	0.6508, 0.8628, 0.6627
CMYK	0.00, 0.61, 0.03, 0.65
HSL	303°, 44%, 24%
HSV	303°, 61%, 35%
XYZ	6.4041, 3.9986, 9.2396
YIQ	56.9600, 15.8130, 27.3090

Conversions

Conversions Part 2

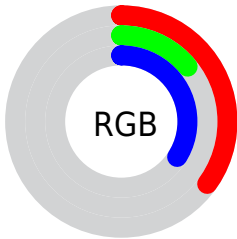
Format	Color
R_YB	89, 35, 86
Decimal	5841750
CIE Lab	23.67, 32.48, -19.50
CIE LCh	24, 37.883, 329.026
Yxy	3.9986, 0.3260, 0.2036
Android (android.graphics.Color)	4284031830 (0xFF592356)
YUV	56.9600, 14.3167, 28.0991
Hunter-Lab	19.9965, 22.1726, -13.3982

Details

The YIQ color **56.9600, 15.8130, 27.3090** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.0400, -15.8130, -27.3090**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3840, 17.5550, 28.7790**, and **17.2320, 11.8710, 21.6550** is the 20% darker color. If you saturate the color by 10%, you get **51.6770, 18.2880, 32.0160**, and if you desaturate by 10%, it is **62.3570, 13.0170, 22.9130**.

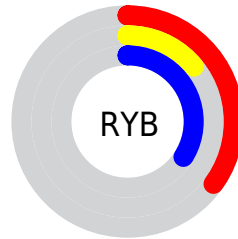
Distribution



Red (35%)

Green (14%)

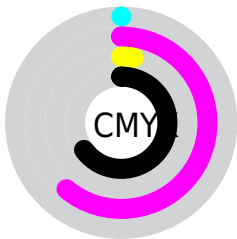
Blue (34%)



Red (35%)

Yellow (14%)

Blue (34%)

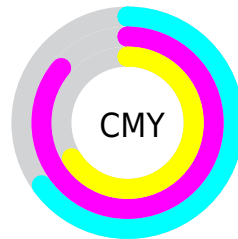


Cyan (0%)

Magenta (61%)

Yellow (3%)

Black (65%)



Cyan (65%)

Magenta (86%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9600, 15.8130, 27.3090 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 56.9600, 15.8130, 27.3090 by changing the saturation by 10% instead.

■ 56.9600, 15.8130,
27.3090

■ 56.9600, 15.8130,
27.3090

■ 255.0000, -0.0000,
-0.0000

■ 32.1880, 15.1710,
27.9310

■ 106.3840, 17.5550,
28.7790

■ 17.2320, 11.8710,
21.6550

■ 132.0960, 18.4260,
29.5140

■ 3.3620, -3.7150,
6.7570

■ 158.5090, 18.7010,
30.0370

■ 0.0000, 0.0000,
0.0000

■ 186.2210, 19.5720,
30.7720

■ 214.0470, 20.1220,
31.8180

■ 232.1070, 10.7250,

20.3970

249.1300, 2.7500,
5.2300

56.9600, 15.8130,
27.3090

56.9600, 15.8130,
27.3090

51.6770, 18.2880,
32.0160

62.3570, 13.0170,
22.9130

46.2800, 21.0840,
36.4120

67.6400, 10.5420,
18.2060

40.9970, 23.5590,
41.1190

73.0370, 7.7460,
13.8100

36.1870, 26.0800,
44.9920

78.3200, 5.2710,
9.1030

83.7170, 2.4750,
4.7070

■ 88.4130, 0.2750,
0.5230

■ 93.8100, -2.5210,
-3.8730

■ 99.0930, -4.9960,
-8.5800

■ 104.4900, -7.7920,
-12.9760

Harmonies

Analogous

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



56.3950, -16.5090, 18.3630



56.9600, 15.8130, 27.3090



52.7960, 36.7660, 27.5340

Triad

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



56.9600, 15.8130, 27.3090



53.2150, 26.5950, -13.9250



49.9650, -45.6180, -10.2740

Complementary

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



56.9600, 15.8130, 27.3090



67.0400, -15.8130, -27.3090

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.



46.7730, -36.6300, -18.9820



56.9600, 15.8130, 27.3090



49.5390, 7.7070, -24.0450

Square

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



56.9600, 15.8130, 27.3090



53.0910, 42.0440, -2.0520



42.1790, -26.4500, -27.2660



50.7120, -51.8550, -1.8630

Rectangle

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



56.9600, 15.8130, 27.3090



52.1030, 42.9110, 20.7910



42.1790, -26.4500, -27.2660



48.9390, -42.7290, -13.0730

Sweetspot

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



56.9600, 15.8130, 27.3090



102.5590, 6.0960, 10.6720



42.0530, -15.5460, 17.4300



51.2550, 3.8960, 6.4880



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.



56.9600, 15.8130, 27.3090



65.1220, 24.7050, 42.3770



53.8820, 24.4800, 18.9120



40.6520, 1.1000, 2.0920



43.5070, 31.3510, 54.0950



95.4590, 69.1190, 118.5510

Inverse Universe

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



56.9600, 15.8130, 27.3090



65.1220, 24.7050, 42.3770



70.1180, -24.4800, -18.9120



40.6520, 1.1000, 2.0920



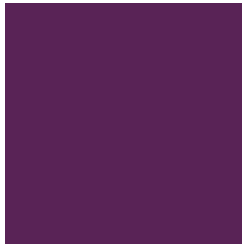
43.5070, 31.3510, 54.0950



95.4590, 69.1190, 118.5510

Previews

White Background



This preview shows how the YIQ color 56.9600, 15.8130, 27.3090 looks on a white background.

Color Contrast Check

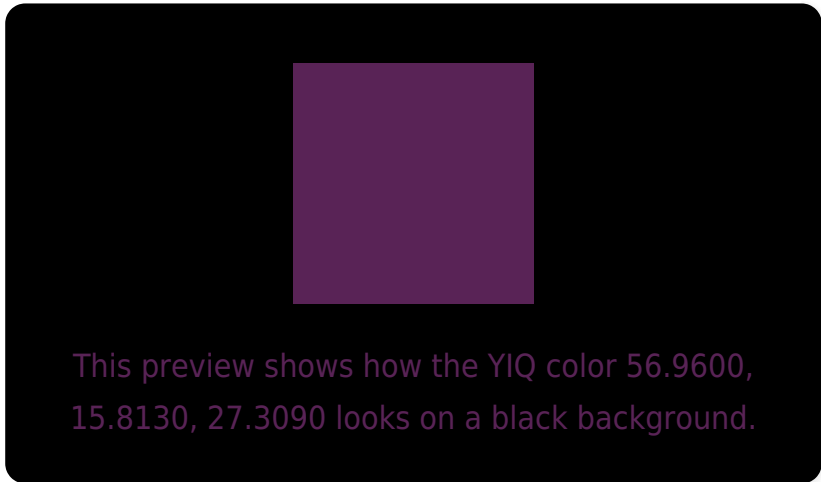
Large Text (above 18pt) WCAG AA ✓ Pass

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

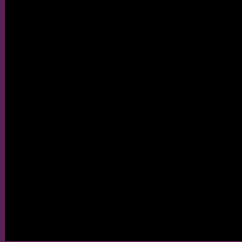
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9600, 15.8130, 27.3090

Background



This preview shows how black text looks on a background with the YIQ color 56.9600, 15.8130, 27.3090.



This preview shows how white text looks on a background with the YIQ color 56.9600, 15.8130,

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

56.9600, 15.8130, 27.3090

Protanopia

54.5950, -29.1160, 10.0520

Deuteranopia

56.8600, -13.9850, 5.6550



Tritanopia

57.4160, 22.5560, 9.7240

Trichromacy



Original Color

56.9600, 15.8130, 27.3090

Protanomaly

55.0810, -12.7490, 16.2990

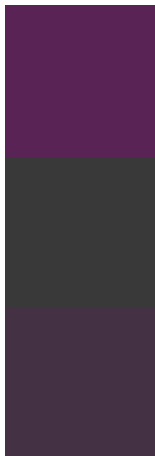
Deuteranomaly

56.7630, -3.1660, 13.3300

Tritanomaly

56.8490, 20.0790, 16.0710

Monochromacy



Original Color

56.9600, 15.8130, 27.3090

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9600, 15.8130, 27.3090 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, 35, 86)` looks like.

```
.text, #text, p{  
    color:rgb(89, 35, 86)  
}
```

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, 35, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 35, 86) }
```

Border

The CSS property to change the border of an element to YIQ 56.9600, 15.8130, 27.3090 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, 35, 86) }
```


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

```
.border{ border-color:rgb(89, 35, 86) }
```

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

Here you see how a box with a 4 pixel rgb(89, 35, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 35, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 35, 86);  
box-shadow:4px 4px 4px 4px rgb(89, 35, 86)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9600, 15.8130, 27.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 35, 86) }
```

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

```
.background{ background-color: rgb(89, 35,  
86) }
```

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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