

Converting Colors

YIQ(56.0010, 18.8770, 70.9170)

Have a look what the booklet for
YIQ(56.0010, 18.8770, 70.9170)
contains.

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Color

**YIQ(56.0010, 18.8770,
70.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	76059C
RGB	118, 5, 156
RGB Percent	46%, 2%, 61%
CMY	0.5369, 0.9806, 0.3883
CMYK	0.24, 0.97, 0.00, 0.39
HSL	285°, 94%, 32%
HSV	285°, 97%, 61%
XYZ	13.5374, 6.3655, 31.9629
YIQ	56.0010, 18.8770, 70.9170

Conversions

Conversions Part 2

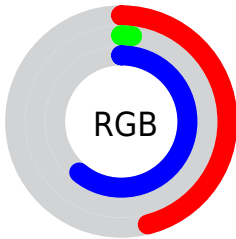
Format	Color
R_{YB}	118, 5, 156
Decimal	7734684
CIE _{Lab}	30.32, 61.48, -53.06
CIE _{LCh}	30, 81.212, 319.201
Yxy	6.3655, 0.2610, 0.1227
Android (android.graphics.Color)	4285924764 (0xFF76059C)
YUV	56.0010, 49.2995, 54.3731
Hunter-Lab	25.2299, 51.6238, -57.4515

Details

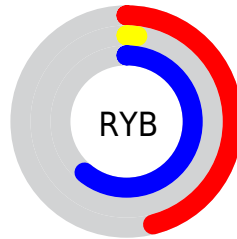
The YIQ color **56.0010, 18.8770, 70.9170** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **104.9990, -18.8770, -70.9170**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8170, 16.2190, 64.0190**, and **30.6930, 4.1640, 45.7000** is the 20% darker color. If you saturate the color by 10%, you get **52.7670, 19.6560, 73.3200**, and if you desaturate by 10%, it is **66.5890, 16.8610, 63.3970**.

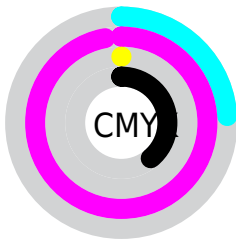
Distribution



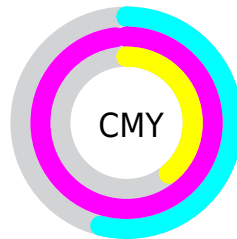
- Red (46%)
- Green (2%)
- Blue (61%)



- Red (46%)
- Yellow (2%)
- Blue (61%)



- Cyan (24%)
- Magenta (97%)
- Yellow (0%)
- Black (39%)



- Cyan (54%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.0010, 18.8770, 70.9170 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 56.0010, 18.8770, 70.9170 by changing the saturation by 10% instead.

■ 56.0010, 18.8770,
70.9170

■ 56.0010, 18.8770,
70.9170

■ 255.0000, -0.0000,
-0.0000

■ 41.6160, 12.2310,
59.1990

■ 119.8170, 16.2190,
64.0190

■ 30.6930, 4.1640,
45.7000

■ 147.6430, 16.7690,
65.0650

■ 20.3680, -2.7110,
32.6250

■ 174.4600, 21.5380,
61.2340

■ 6.2700, -17.6550,
17.1050

■ 197.4740, 26.9500,
51.2540

■ 4.8220, -10.8220,
8.9060

■ 213.9100, 19.2500,
36.6100


■ 0.5700, -1.6050,
1.5550


■ 230.9330, 11.2750,


■ 0.0000, 0.0000,


21.4430


0.0000


 247.9560, 3.3000,
6.2760


 56.0010, 18.8770,
70.9170


 56.0010, 18.8770,
70.9170

 52.7670, 19.6560,
73.3200

 66.5890, 16.8610,
63.3970

 76.5900, 15.1200,
56.4000

 87.1780, 13.1040,
48.8800

 97.1790, 11.3630,
41.8830

 107.7670, 9.3470,
34.3630

■ 118.3550, 7.3310,
26.8430

■ 128.0570, 4.9940,
19.6340

■ 138.6450, 2.9780,
12.1140

■ 148.6460, 1.2370,
5.1170

Harmonies

Analogous

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



61.5590, -81.0200, 25.6040



56.0010, 18.8770, 70.9170



60.6920, 67.7990, 65.3590

Triad

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



56.0010, 18.8770, 70.9170



67.8000, 46.9970, -9.2190



67.9460, -61.8020, -14.3300

Complementary

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



56.0010, 18.8770, 70.9170



104.9990, -18.8770, -70.9170

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.



59.7210, -40.0200, -34.6440



56.0010, 18.8770, 70.9170



61.8990, 6.3330, -32.1870

Square

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



56.0010, 18.8770, 70.9170



45.7250, 88.2540, 30.5420



52.2430, -24.4750, -46.5470



74.4440, -80.0990, 3.3970

Rectangle

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



56.0010, 18.8770, 70.9170



58.4100, 85.7280, 54.3040



52.2430, -24.4750, -46.5470



65.4380, -54.7400, -21.1720

Sweetspot

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



56.0010, 18.8770, 70.9170



164.8820, 7.2850, 27.6770



45.6940, -59.4710, 26.0410



78.1770, 4.5360, 16.9200



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



56.0010, 18.8770, 70.9170



69.0030, 25.7040, 95.8800



63.3730, 52.7600, 68.0880



73.7060, 1.0080, 3.7600



48.2950, 17.8690, 67.1570



4.9990, 1.7410, 6.9970

Inverse Universe

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



54.4810, 77.7980, 43.8300



66.8100, 105.2130, 59.1090



97.6270, -52.7600, -68.0880



73.6200, 4.1260, 2.3180



46.8610, 73.6720, 41.5120



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 56.0010, 18.8770, 70.9170 looks on a white background.

Color Contrast Check

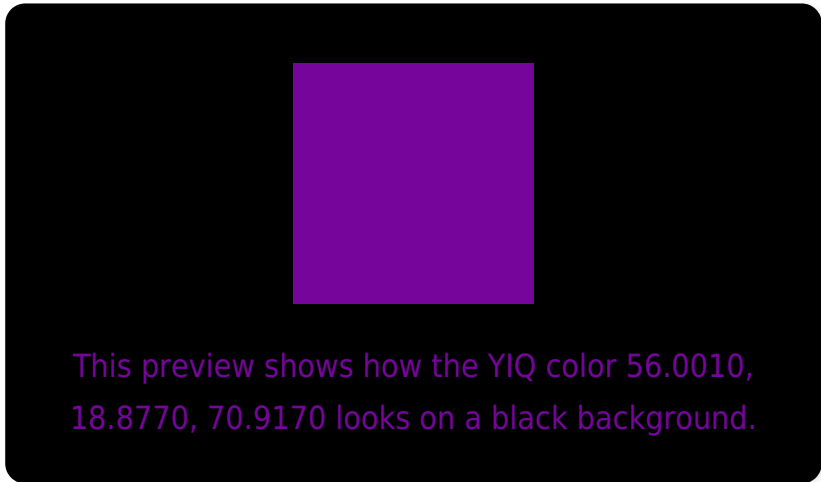
Large Text (above 18pt) WCAG AA ✓ Pass

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

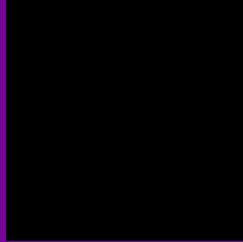
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.0010, 18.8770, 70.9170

Background



This preview shows how black text looks on a background with the YIQ color 56.0010, 18.8770, 70.9170.



This preview shows how white text looks on a background with the YIQ color 56.0010, 18.8770,

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

56.0010, 18.8770, 70.9170

Protanopia

58.7770, -67.6750, 9.5170

Deuteranopia

59.5460, -62.9510, 0.9930



Tritanopia

74.4270, 24.0230, 10.6710

Trichromacy



Original Color

56.0010, 18.8770, 70.9170

Protanomaly

57.7740, -36.0890, 31.8070

Deuteranomaly

58.1670, -33.0620, 26.5060

Tritanomaly

67.9440, 21.9100, 32.4540

Monochromacy



Original Color

56.0010, 18.8770, 70.9170

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.8280, 7.3770, 26.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.0010, 18.8770, 70.9170 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(118, 5, 156)` looks like.

```
.text, #text, p{  
    color:rgb(118, 5, 156)  
}
```

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(118, 5, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 5, 156) }
```

Border

The CSS property to change the border of an element to YIQ 56.0010, 18.8770, 70.9170 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(118, 5, 156) }
```


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

```
.border{ border-color:rgb(118, 5, 156) }
```

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

Here you see how a box with a 4 pixel rgb(118, 5, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 5, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 5, 156);  
box-shadow:4px 4px 4px 4px rgb(118, 5,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 56.0010, 18.8770, 70.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 5, 156) }
```

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

```
.background{ background-color: rgb(118, 5,  
156) }
```

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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