

Converting Colors

YIQ(56.0030, 6.2270, 46.8590)

Have a look what the booklet for
YIQ(56.0030, 6.2270, 46.8590)
contains.

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Color

**YIQ(56.0030, 6.2270,
46.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1881
RGB	91, 24, 129
RGB Percent	36%, 9%, 51%
CMY	0.6429, 0.9060, 0.4942
CMYK	0.29, 0.81, 0.00, 0.49
HSL	278°, 69%, 30%
HSV	278°, 81%, 51%
XYZ	8.6076, 4.4638, 21.1718
YIQ	56.0030, 6.2270, 46.8590

Conversions

Conversions Part 2

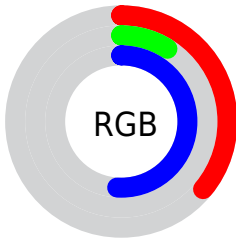
Format	Color
R_{YB}	91, 24, 129
Decimal	5970049
CIE _{Lab}	25.15, 47.17, -44.92
CIE _{LCh}	25, 65.137, 316.398
Yxy	4.4638, 0.2514, 0.1304
Android (android.graphics.Color)	4284160129 (0xFF5B1881)
YUV	56.0030, 35.9875, 30.6924
Hunter-Lab	21.1276, 35.7490, -44.6245

Details

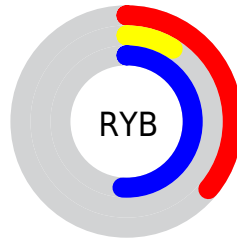
The YIQ color **56.0030, 6.2270, 46.8590** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **96.9970, -6.2270, -46.8590**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **108.8290, 6.7770, 47.9050**, and **20.3680, -2.7110, 32.6250** is the 20% darker color. If you saturate the color by 10%, you get **46.8770, 6.8220, 52.5980**, and if you desaturate by 10%, it is **65.1290, 5.6320, 41.1200**.

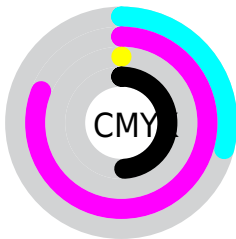
Distribution



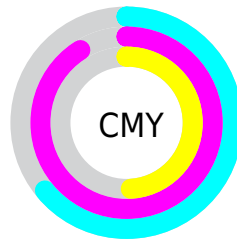
- Red (36%)
- Green (9%)
- Blue (51%)



- Red (36%)
- Yellow (9%)
- Blue (51%)



- Cyan (29%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.0030, 6.2270, 46.8590 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 56.0030, 6.2270, 46.8590 by changing the saturation by 10% instead.

■ 56.0030, 6.2270,
46.8590

■ 56.0030, 6.2270,
46.8590

■ 255.0000, -0.0000,
-0.0000

■ 31.1770, 5.6770,
45.8130

■ 108.8290, 6.7770,
47.9050

■ 20.6670, -2.1150,
32.8370

■ 135.6550, 7.3270,
48.9510

■ 8.9610, -12.2910,
19.0130

■ 162.4810, 7.8770,
49.9970

■ 4.9360, -11.1430,
9.2170

■ 188.8250, 12.6000,
47.0000


■ 0.5700, -1.6050,
1.5550


■ 212.7360, 19.8000,
37.6560


■ 0.0000, 0.0000,
0.0000

■ 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 56.0030, 6.2270,
46.8590


 56.0030, 6.2270,
46.8590


 46.8770, 6.8220,
52.5980


 65.1290, 5.6320,
41.1200

 39.2240, 7.4630,
57.5030

 73.9560, 4.4410,
35.1690

 83.0820, 3.8460,
29.4300

 92.2080, 3.2510,
23.6910

 100.4480, 2.3350,
18.2630

■ 109.5740, 1.7400,
12.5240

■ 118.7000, 1.1450,
6.7850

■ 127.5270, -0.0460,
0.8340

■ 136.6530, -0.6410,
-4.9050

Harmonies

Analogous

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



51.9440, -66.3470, 18.4930



56.0030, 6.2270, 46.8590



49.0440, 51.7080, 54.1080

Triad

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



56.0030, 6.2270, 46.8590



56.2710, 41.3570, -6.1230



55.5900, -49.0560, -14.0480

Complementary

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



56.0030, 6.2270, 46.8590



96.9970, -6.2270, -46.8590

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.



49.0750, -32.0890, -29.6970



56.0030, 6.2270, 46.8590



53.3930, 11.0540, -24.1300

Square

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



56.0030, 6.2270, 46.8590



42.3590, 71.4290, 21.5810



42.8510, -20.0750, -38.1790



60.8340, -63.8220, 0.2580

Rectangle

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



56.0030, 6.2270, 46.8590



47.7880, 66.7480, 45.8520



42.8510, -20.0750, -38.1790



53.6520, -43.5990, -19.3350

Sweetspot

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



56.0030, 6.2270, 46.8590



140.3340, 2.6560, 17.9520



58.2760, -44.1550, 12.7810



67.2210, 1.2360, 10.6440



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



56.0030, 6.2270, 46.8590



53.5040, 10.2110, 73.7870



65.7690, 33.3690, 50.5610



58.9940, 0.1370, 3.0250



38.8110, 7.1880, 56.9800



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.7270, 50.3820, 34.0780



59.1750, 79.0800, 53.6400



87.2310, -33.3690, -50.5610



59.4350, 3.2090, 2.4170



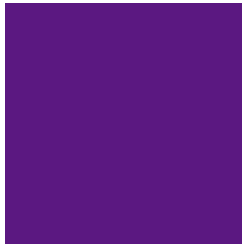
43.5160, 61.5220, 41.4420



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 56.0030, 6.2270, 46.8590 looks on a white background.

Color Contrast Check

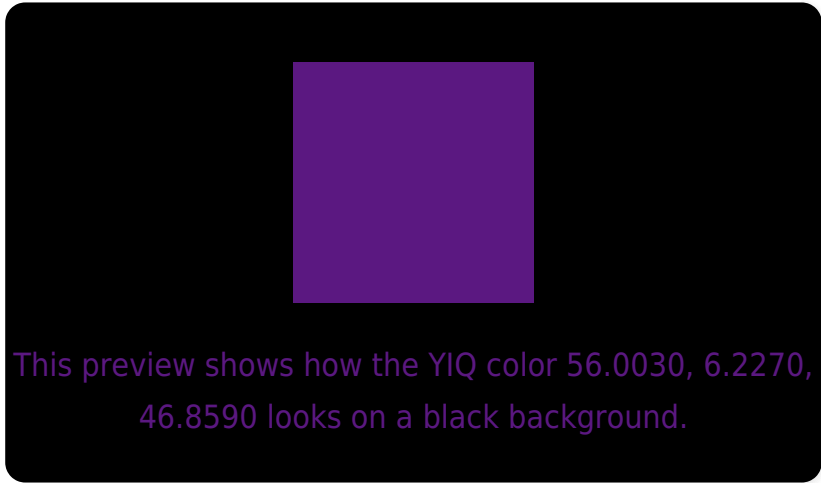
Large Text (above 18pt) WCAG AA ✓ Pass

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

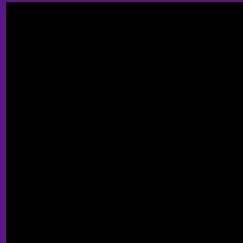
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.0030, 6.2270, 46.8590

Background



This preview shows how black text looks on a background with the YIQ color 56.0030, 6.2270, 46.8590.



This preview shows how white text looks on a background with the YIQ color 56.0030, 6.2270,

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

56.0030, 6.2270, 46.8590

Protanopia

48.7690, -56.0290, 7.7070

Deuteranopia

48.7060, -51.7180, 1.1620



Tritanopia

61.9310, 13.6160, 6.5440

Trichromacy



Original Color

56.0030, 6.2270, 46.8590

Protanomaly

51.2330, -33.4280, 22.1240

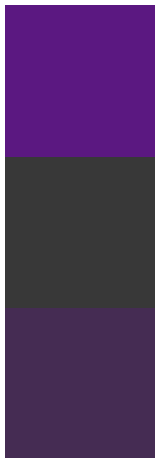
Deuteranomaly

51.2670, -30.7680, 17.9680

Tritanomaly

59.6340, 10.6790, 21.2310

Monochromacy



Original Color

56.0030, 6.2270, 46.8590

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.9210, 2.3810, 17.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.0030, 6.2270, 46.8590 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(91, 24, 129)` looks like.

```
.text, #text, p{  
    color:rgb(91, 24, 129)  
}
```

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(91, 24, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 24, 129) }
```

Border

The CSS property to change the border of an element to YIQ 56.0030, 6.2270, 46.8590 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(91, 24, 129) }
```


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

```
.border{ border-color:rgb(91, 24, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 24, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 24, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 24, 129);  
box-shadow:4px 4px 4px 4px rgb(91, 24,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 56.0030, 6.2270, 46.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 24, 129) }
```

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

```
.background{ background-color: rgb(91, 24,  
129) }
```

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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