

Converting Colors

YIQ(51.6110, 18.6540, 36.3980)

Have a look what the booklet for
YIQ(51.6110, 18.6540, 36.3980)
contains.

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Color

**YIQ(51.6110, 18.6540,
36.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	5C175D
RGB	92, 23, 93
RGB Percent	36%, 9%, 36%
CMY	0.6390, 0.9099, 0.6353
CMYK	0.01, 0.75, 0.00, 0.64
HSL	299°, 60%, 23%
HSV	299°, 75%, 36%
XYZ	6.7008, 3.6801, 10.7143
YIQ	51.6110, 18.6540, 36.3980

Conversions

Conversions Part 2

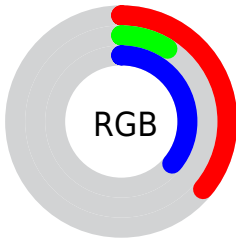
Format	Color
RYB	92, 23, 93
Decimal	6035293
CIELab	22.58, 40.24, -25.81
CIELCh	23, 47.807, 327.325
Yxy	3.6801, 0.3176, 0.1745
Android (android.graphics.Color)	4284225373 (0xFF5C175D)
YUV	51.6110, 20.4048, 35.4212
Hunter-Lab	19.1836, 28.7782, -19.6857

Details

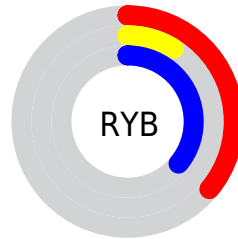
The YIQ color **51.6110, 18.6540, 36.3980** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **64.3890, -18.6540, -36.3980**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.2090, 19.8460, 36.8220**, and **18.5140, 11.1370, 23.9450** is the 20% darker color. If you saturate the color by 10%, you get **46.3280, 21.1290, 41.1050**, and if you desaturate by 10%, it is **56.8940, 16.1790, 31.6910**.

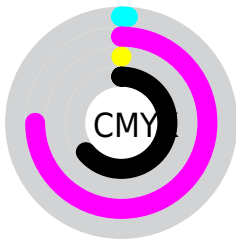
Distribution



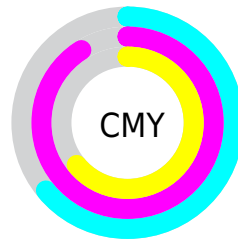
- Red (36%)
- Green (9%)
- Blue (36%)



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



- Cyan (1%)
- Magenta (75%)
- Yellow (0%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.6110, 18.6540, 36.3980 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 51.6110, 18.6540, 36.3980 by changing the saturation by 10% instead.

51.6110, 18.6540,
36.3980

51.6110, 18.6540,
36.3980

255.0000, -0.0000,
-0.0000

27.8990, 17.7830,
35.6630

103.2090, 19.8460,
36.8220

18.5140, 11.1370,
23.9450

128.9210, 20.7170,
37.5570

4.9430, -3.8530,
9.2590

155.7470, 21.2670,
38.6030

0.0000, 0.0000,
0.0000


183.4590, 22.1380,
39.3380


210.3880, 20.9000,
39.7480


226.8240, 13.2000,


25.1040


 243.8470, 5.2250,
9.9370


 51.6110, 18.6540,
36.3980


 51.6110, 18.6540,
36.3980

 46.3280, 21.1290,
41.1050

 56.8940, 16.1790,
31.6910


 40.4580, 23.8790,
46.3350

 62.7640, 13.4290,
26.4610

 38.1100, 24.9790,
48.4270

 68.0470, 10.9540,
21.7540

 73.6290, 9.0750,
17.2590

 78.9120, 6.6000,
12.5520

■ 84.7820, 3.8500,
7.3220

■ 90.0650, 1.3750,
2.6150

■ 95.3480, -1.1000,
-2.0920

■ 101.2180, -3.8500,
-7.3220

Harmonies

Analogous

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



52.1150, -27.2840, 20.9080



51.6110, 18.6540, 36.3980



40.2140, 47.8130, 42.0930

Triad

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



51.6110, 18.6540, 36.3980



51.4540, 27.4200, -12.3560



50.3070, -46.5810, -9.3410

Complementary

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



51.6110, 18.6540, 36.3980



64.3890, -18.6540, -36.3980

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.



45.6160, -34.7500, -20.0140



51.6110, 18.6540, 36.3980



46.5710, 4.6810, -24.2710

Square

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



51.6110, 18.6540, 36.3980



49.2490, 47.5910, 2.0470



39.8820, -21.3600, -31.4080



52.3250, -55.0190, 0.4130

Rectangle

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



51.6110, 18.6540, 36.3980



38.0760, 56.7090, 35.0530



39.8820, -21.3600, -31.4080



48.9390, -42.7290, -13.0730

Sweetspot

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



51.6110, 18.6540, 36.3980



103.2650, 7.1040, 14.4320



31.5670, -22.7450, 21.2470



51.0210, 4.6750, 8.8910



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



51.6110, 18.6540, 36.3980



56.0060, 28.5080, 56.0600



48.0340, 30.1640, 26.0360



43.0650, 1.3750, 2.6150



44.8320, 29.0580, 57.1060



96.9840, 63.3870, 123.3150

Inverse Universe

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



44.0440, 41.3990, 15.1510



44.4060, 64.0470, 23.2070



67.9660, -30.1640, -26.0360



42.4950, 2.9800, 1.0600



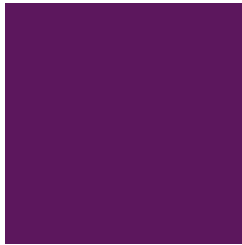
33.0040, 65.2390, 23.6310



71.2050, 140.2890, 51.1770

Previews

White Background



This preview shows how the YIQ color 51.6110, 18.6540, 36.3980 looks on a white background.

Color Contrast Check

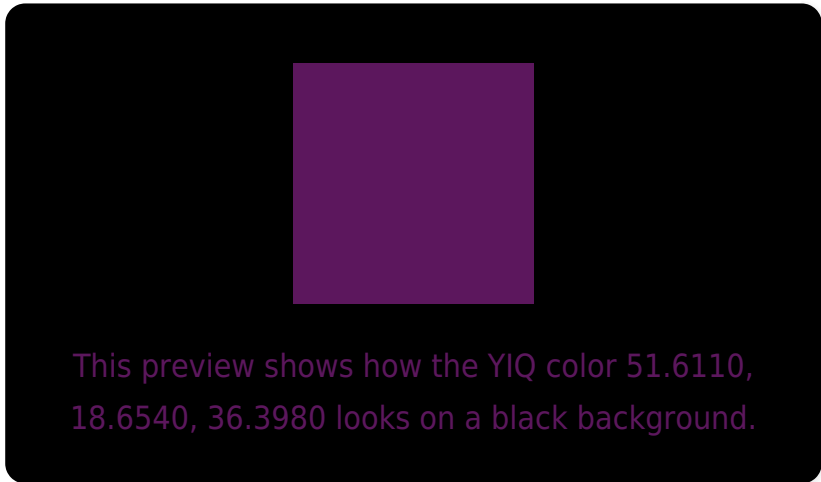
Large Text (above 18pt) WCAG AA ✓ Pass

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

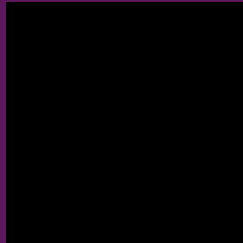
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.6110, 18.6540, 36.3980

Background



This preview shows how black text looks on a background with the YIQ color 51.6110, 18.6540, 36.3980.



This preview shows how white text looks on a background with the YIQ color 51.6110, 18.6540,

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

51.6110, 18.6540, 36.3980

Protanopia

44.6940, -51.4440, 7.2120

Deuteranopia

53.9670, -21.5960, 5.9240



Tritanopia

55.0960, 26.4530, 10.6850

Trichromacy



Original Color

51.6110, 18.6540, 36.3980

Protanomaly

47.1920, -26.1830, 17.4730

Deuteranomaly

53.1310, -7.0180, 17.0620

Tritanomaly

53.6370, 23.7920, 20.3680

Monochromacy



Original Color

51.6110, 18.6540, 36.3980

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.7380, 7.1500, 13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.6110, 18.6540, 36.3980 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(92, 23, 93)` looks like.

```
.text, #text, p{  
    color:rgb(92, 23, 93)  
}
```

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(92, 23, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 23, 93) }
```

Border

The CSS property to change the border of an element to YIQ 51.6110, 18.6540, 36.3980 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(92, 23, 93) }
```


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

```
.border{ border-color:rgb(92, 23, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 23, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 23, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 23, 93);  
box-shadow:4px 4px 4px 4px rgb(92, 23, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.6110, 18.6540, 36.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 23, 93) }
```

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

```
.background{ background-color: rgb(92, 23,  
93) }
```

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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