

Converting Colors

YIQ(58.8370, 108.6100, 36.0820)

Have a look what the booklet for
YIQ(58.8370, 108.6100, 36.0820)
contains.

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Color

**YIQ(58.8370, 108.6100,
36.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	B90600
RGB	185, 6, 0
RGB Percent	73%, 2%, 0%
CMY	0.2741, 0.9766, 0.9996
CMYK	0.00, 0.97, 1.00, 0.27
HSL	2°, 100%, 36%
HSV	2°, 100%, 73%
XYZ	20.0985, 10.4565, 0.9622
YIQ	58.8370, 108.6100, 36.0820

Conversions

Conversions Part 2

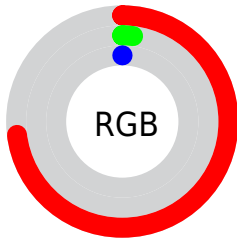
Format	Color
R_{YB}	185, 6, 0
Decimal	12125696
CIE _{Lab}	38.65, 62.32, 52.87
CIE _{LCh}	39, 81.731, 40.311
Yxy	10.4565, 0.6377, 0.3318
Android (android.graphics.Color)	4290315776 (0xFFB90600)
YUV	58.8370, -29.0066, 110.6450
Hunter-Lab	32.3366, 54.3559, 20.8714

Details

The YIQ color **58.8370, 108.6100, 36.0820** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **126.1630, -108.6100, -36.0820**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **128.5840, 110.4000, 25.6640**, and **36.1790, 72.1160, 25.6520** is the 20% darker color. If you saturate the color by 10%, you get **58.8370, 108.6100, 36.0820**, and if you desaturate by 10%, it is **71.5690, 97.5610, 32.5770**.

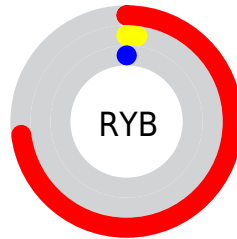
Distribution



Red (73%)

Green (2%)

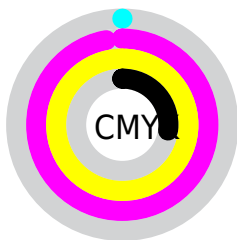
Blue (0%)



Red (73%)

Yellow (2%)

Blue (0%)

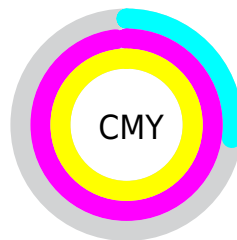


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.8370, 108.6100, 36.0820 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 58.8370, 108.6100, 36.0820 by changing the saturation by 10% instead.

■ 58.8370, 108.6100,
36.0820

■ 58.8370, 108.6100,
36.0820

■ 252.7200, 6.4200,
-6.2200

■ 45.7470, 91.1880,
32.4360

■ 128.5840,
110.4000, 25.6640

■ 36.1790, 72.1160,
25.6520

■ 149.9520, 97.3800,
19.3320

■ 26.9100, 53.6400,
19.0800

■ 169.8250, 81.3800,
11.9400

■ 18.8800, 35.9890,
14.0770

■ 189.1110, 65.6550,
5.0710


■ 7.8880, 15.1750,
5.8230


■ 209.2120, 49.0130,
-1.6990


■ 0.0000, 0.0000,
0.0000


■ 229.3130, 32.3710,


-8.4690


 249.5280, 15.4080,
-14.9280


 58.8370, 108.6100,
36.0820

 71.5690, 97.5610,
32.5770

 84.1870, 86.8330,
28.7610

 96.9190, 75.7840,
25.2560

 109.5370, 65.0560,
21.4400

 122.2690, 54.0070,
17.9350

■ 134.8870, 43.2790,
14.1190

■ 147.0320, 32.5050,
11.1370

■ 159.6500, 21.7770,
7.3210

■ 172.3820, 10.7280,
3.8160

Harmonies

Analogous

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



68.3070, 96.6840, 65.0040



58.8370, 108.6100, 36.0820



84.7440, 67.7660, -5.6580

Triad

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



58.8370, 108.6100, 36.0820



71.7060, -44.8320, -46.5600



80.8280, -98.0750, 20.8130

Complementary

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



58.8370, 108.6100, 36.0820



126.1630, -108.6100, -36.0820

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.



90.0090, -100.5030, 9.7450



58.8370, 108.6100, 36.0820



80.9740, -68.1730, -25.5250

Square

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



58.8370, 108.6100, 36.0820



63.3960, -29.7000, -56.4840



88.2700, -88.7170, -5.6210



89.9600, -9.4090, 54.9030

Rectangle

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



58.8370, 108.6100, 36.0820



85.4320, 41.6810, -23.0150



88.2700, -88.7170, -5.6210



85.1650, -100.6420, 17.7740

Sweetspot

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



58.8370, 108.6100, 36.0820



190.7020, 42.3620, 14.2180



76.0630, 51.8380, 95.8220



90.4440, 25.3530, 8.5930



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



58.8370, 108.6100, 36.0820



76.4560, 140.8400, 46.6960



111.6670, 83.8600, -10.9880



85.6910, 5.3640, 1.9080



49.5790, 91.6010, 30.4570



8.9590, 16.4130, 5.4130

Inverse Universe

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



126.1630, -108.6100, -36.0820



163.5440, -140.8400, -46.6960



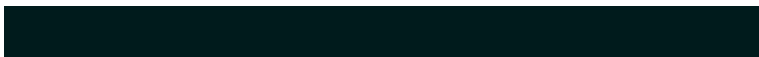
73.9200, -84.1350, 10.4650



89.3090, -5.3640, -1.9080



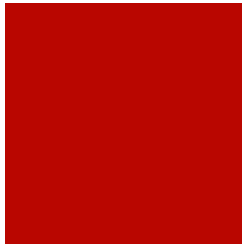
106.4210, -91.6010, -30.4570



19.0410, -16.4130, -5.4130

Previews

White Background



This preview shows how the YIQ color 58.8370, 108.6100, 36.0820 looks on a white background.

Color Contrast Check

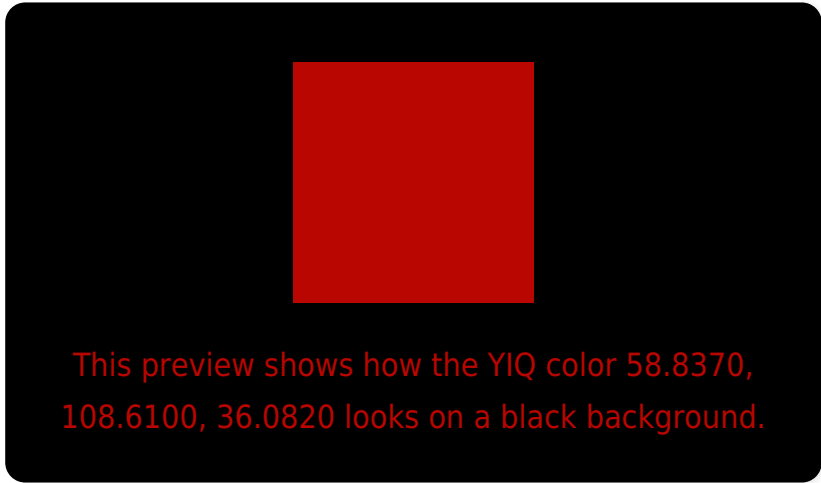
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 58.8370, 108.6100, 36.0820

Background



This preview shows how black text looks on a background with the YIQ color 58.8370, 108.6100, 36.0820.



This preview shows how white text looks on a background with the YIQ color 58.8370, 108.6100,

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

58.8370, 108.6100, 36.0820

Protanopia

89.3090, 29.0260, -19.4380

Deuteranopia

87.5250, 45.8530, -21.5310



Tritanopia

64.9950, 104.9890, 30.1170

Trichromacy



Original Color

58.8370, 108.6100, 36.0820

Protanomaly

78.1700, 57.9990, 0.6470

Deuteranomaly

77.0910, 68.4070, -0.7530

Tritanomaly

62.6470, 106.0890, 32.2090

Monochromacy



Original Color

58.8370, 108.6100, 36.0820

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2070, 39.3820, 13.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.8370, 108.6100, 36.0820 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(185, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 6, 0)  
}
```

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(185, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 6, 0) }
```

Border

The CSS property to change the border of an element to YIQ 58.8370, 108.6100, 36.0820 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(185, 6, 0) }
```


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

```
.border{ border-color:rgb(185, 6, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 6, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(185, 6, 0); box-shadow:4px  
4px 4px 4px rgb(185, 6, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 58.8370, 108.6100, 36.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 6, 0) }
```

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

```
.background{ background-color: rgb(185, 6,  
0) }
```

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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