

Converting Colors

YIQ(60.0880, 118.3290, 41.6650)

Have a look what the booklet for
YIQ(60.0880, 118.3290, 41.6650)
contains.

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Color

**YIQ(60.0880, 118.3290,
41.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	C70100
RGB	199, 1, 0
RGB Percent	78%, 0%, 0%
CMY	0.2191, 0.9962, 0.9995
CMYK	0.00, 1.00, 1.00, 0.22
HSL	0°, 100%, 39%
HSV	0°, 100%, 78%
XYZ	23.5956, 12.1787, 1.1105
YIQ	60.0880, 118.3290, 41.6650

Conversions

Conversions Part 2

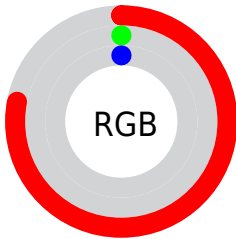
Format	Color
RYB	199, 1, 0
Decimal	13041920
CIELab	41.50, 66.41, 55.76
CIElCh	41, 86.713, 40.021
Yxy	12.1787, 0.6397, 0.3302
Android (android.graphics.Color)	4291232000 (0xFFC70100)
YUV	60.0880, -29.6234, 121.8258
Hunter-Lab	34.8980, 59.6181, 22.5418

Details

The YIQ color **60.0880, 118.3290, 41.6650** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **138.9120, -118.3290, -41.6650**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.4810, 112.1880, 26.3000**, and **40.0660, 79.8640, 28.4080** is the 20% darker color. If you saturate the color by 10%, you get **60.0880, 118.3290, 41.6650**, and if you desaturate by 10%, it is **74.1080, 106.4090, 37.4250**.

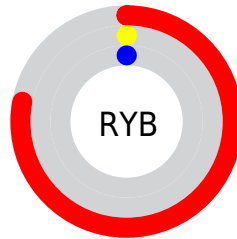
Distribution



Red (78%)

Green (0%)

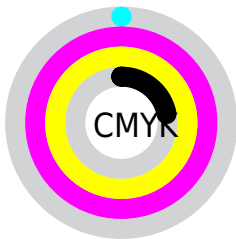
Blue (0%)



Red (78%)

Yellow (0%)

Blue (0%)

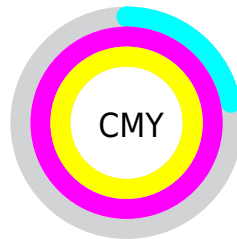


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (22%)



Cyan (22%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 60.0880, 118.3290, 41.6650 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 60.0880, 118.3290, 41.6650 by changing the saturation by 10% instead.


 60.0880, 118.3290,
41.6650

 60.0880, 118.3290,
41.6650


 253.0620, 5.4570,
-5.2870


 49.9330, 99.5320,
35.4040


 131.4810,
112.1880, 26.3000


 40.0660, 79.8640,
28.4080


 151.8270, 96.2340,
18.0740


 30.7970, 61.3880,
21.8360

 171.8140, 79.9130,
10.9930

 22.4680, 43.1410,
16.6210

 191.1000, 64.1880,
4.1240

 12.6720, 24.7110,
9.2150

 211.7880, 47.2710,
-3.1690

 0.0000, 0.0000,
0.0000

 231.8890, 30.6290,

-9.9390

■ 249.7560, 14.7660,
-14.3060

■ 60.0880, 118.3290,
41.6650

■ 74.1080, 106.4090,
37.4250

■ 88.1280, 94.4890,
33.1850

■ 101.5610, 82.8440,
29.4680

■ 115.5810, 70.9240,
25.2280

■ 129.6010, 59.0040,
20.9880

■ 143.6210, 47.0840,
16.7480

■ 157.6410, 35.1640,
12.5080

■ 171.5470, 23.5650,
7.9570

■ 184.9800, 11.9200,
4.2400

Harmonies

Analogous

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



73.4760, 103.6980, 70.0500



60.0880, 118.3290, 41.6650



90.9680, 72.9470, -5.9410

Triad

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



60.0880, 118.3290, 41.6650



77.2170, -47.9490, -50.6450



86.8750, -105.4570, 22.4390

Complementary

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



60.0880, 118.3290, 41.6650



138.9120, -118.3290, -41.6650

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.



96.6430, -108.1600, 10.8480



60.0880, 118.3290, 41.6650



87.1690, -73.2160, -27.7440

Square

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



60.0880, 118.3290, 41.6650



68.6790, -32.1750, -61.1910



95.0350, -95.3650, -6.2850



96.6980, -11.4270, 58.4370

Rectangle

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



60.0880, 118.3290, 41.6650



92.2320, 45.1200, -24.7680



95.0350, -95.3650, -6.2850



91.7990, -108.2990, 18.8770

Sweetspot

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



60.0880, 118.3290, 41.6650



201.7240, 45.2960, 16.1120



82.1870, 54.7250, 104.0770



95.7540, 27.4160, 9.7520



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



60.0880, 118.3290, 41.6650



76.8320, 151.7050, 53.5370



118.2010, 91.1040, -10.1120



92.6910, 5.3640, 1.9080



49.3240, 96.8730, 34.0330



10.7640, 21.4560, 7.6320

Inverse Universe

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



138.9120, -118.3290, -41.6650



178.1680, -151.7050, -53.5370



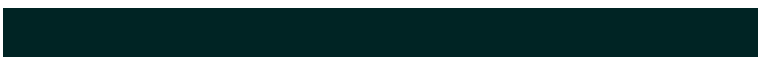
81.3860, -91.3790, 9.5890



96.3090, -5.3640, -1.9080



114.2630, -97.1480, -34.5560



25.2360, -21.4560, -7.6320

Previews

White Background



This preview shows how the YIQ color 60.0880, 118.3290, 41.6650 looks on a white background.

Color Contrast Check

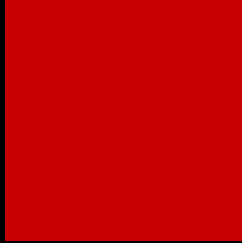
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 60.0880, 118.3290, 41.6650 looks on a 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 60.0880, 118.3290, 41.6650

Background



This preview shows how black text looks on a background with the YIQ color 60.0880, 118.3290, 41.6650.



This preview shows how white text looks on a background with the YIQ color 60.0880, 118.3290,

41.6650.

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

60.0880, 118.3290, 41.6650

Protanopia

96.0380, 31.2270, -20.7810

Deuteranopia

93.7380, 49.5670, -22.7610



Tritanopia

69.7680, 113.0580, 32.5620

Trichromacy



Original Color

60.0880, 118.3290, 41.6650

Protanomaly

83.1490, 62.4920, 1.8200

Deuteranomaly

81.5540, 74.4130, 0.5330

Tritanomaly

66.2460, 114.7080, 35.7000

Monochromacy



Original Color

60.0880, 118.3290, 41.6650

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.4140, 43.2330, 14.9530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.0880, 118.3290, 41.6650 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(199, 1, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 1, 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(199, 1, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 1, 0) }
```

Border

The CSS property to change the border of an element to YIQ 60.0880, 118.3290, 41.6650 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(199, 1, 0) }
```


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

```
.border{ border-color:rgb(199, 1, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 1, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 1, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(199, 1, 0); box-shadow:4px  
4px 4px 4px rgb(199, 1, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 60.0880, 118.3290, 41.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 1, 0) }
```

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

```
.background{ background-color: rgb(199, 1,  
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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