

Converting Colors

YIQ(65.6290, 98.4730, 60.1130)

Have a look what the booklet for
YIQ(65.6290, 98.4730, 60.1130)
contains.

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Color

**YIQ(65.6290, 98.4730,
60.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	C5003B
RGB	197, 0, 59
RGB Percent	77%, 0%, 23%
CMY	0.2269, 0.9998, 0.7683
CMYK	0.00, 1.00, 0.70, 0.23
HSL	342°, 100%, 39%
HSV	342°, 100%, 77%
XYZ	23.8514, 12.2044, 5.2482
YIQ	65.6290, 98.4730, 60.1130

Conversions

Conversions Part 2

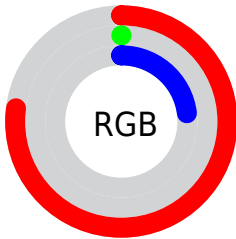
Format	Color
RYB	197, 0, 59
Decimal	12910651
CIELab	41.54, 67.36, 26.42
CIElCh	42, 72.358, 21.415
Yxy	12.2044, 0.5775, 0.2955
Android (android.graphics.Color)	4291100731 (0xFFC5003B)
YUV	65.6290, -3.2681, 115.2124
Hunter-Lab	34.9348, 60.7334, 15.5473

Details

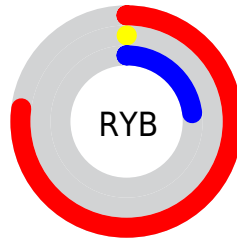
The YIQ color **65.6290, 98.4730, 60.1130** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **131.3710, -98.4730, -60.1130**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.2240, 94.5790, 42.5710**, and **42.1180, 74.0860, 34.0060** is the 20% darker color. If you saturate the color by 10%, you get **65.6290, 98.4730, 60.1130**, and if you desaturate by 10%, it is **78.9650, 88.4790, 54.0070**.

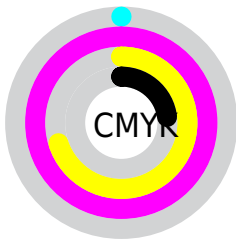
Distribution



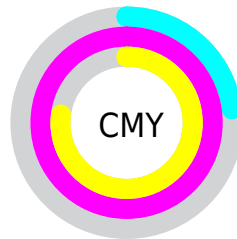
- Red (77%)
- Green (0%)
- Blue (23%)



- Red (77%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 65.6290, 98.4730, 60.1130 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 65.6290, 98.4730, 60.1130 by changing the saturation by 10% instead.


 65.6290, 98.4730,
60.1130


 65.6290, 98.4730,
60.1130


255.0000, -0.0000,
-0.0000


 53.9660, 86.7380,
47.0100


 138.2240, 94.5790,
42.5710


 42.4170, 74.6820,
34.2180


 158.0970, 78.5790,
35.1790


 31.0960, 61.9840,
22.0480


 178.0840, 62.2580,
28.0980

 22.4680, 43.1410,
16.6210

 198.1850, 45.6160,
21.3280

 12.9710, 25.3070,
9.4270

 218.9870, 28.3780,
14.3460

 0.0000, 0.0000,
0.0000

 239.2020, 11.4150,

7.8870

■ 65.6290, 98.4730,
60.1130

■ 78.9650, 88.4790,
54.0070

■ 91.7140, 78.7600,
48.4240

■ 105.0500, 68.7660,
42.3180

■ 118.2720, 59.0930,
35.9010

■ 131.6080, 49.0990,
29.7950

■ 144.3570, 39.3800,
24.2120

■ 157.6930, 29.3860,
18.1060

■ 171.0290, 19.3920,
12.0000

■ 183.6640, 9.9940,
6.1060

Harmonies

Analogous

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



70.8600, 76.5540, 77.4020



65.6290, 98.4730, 60.1130



86.9580, 88.0750, 6.2430

Triad

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



65.6290, 98.4730, 60.1130



69.0210, -33.1380, -60.2580



89.8950, -100.1820, 9.4340

Complementary

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



65.6290, 98.4730, 60.1130



131.3710, -98.4730, -60.1130

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.



92.2140, -94.3110, -3.3590



65.6290, 98.4730, 60.1130



79.9190, -58.3130, -39.0250

Square

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



65.6290, 98.4730, 60.1130



87.0170, 17.3840, -39.7360



88.1610, -78.7650, -20.7890



83.4620, -79.3690, 23.2150

Rectangle

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



65.6290, 98.4730, 60.1130



92.0980, 66.5290, -10.7750



88.1610, -78.7650, -20.7890



91.6730, -99.6770, 5.7870

Sweetspot

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



65.6290, 98.4730, 60.1130



204.2320, 38.2340, 22.9540



63.7200, 19.0110, 90.5230



97.2360, 23.2430, 13.7950



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.



65.6290, 98.4730, 60.1130



84.9090, 127.5840, 77.6960



81.7960, 106.6870, 21.3670



92.9190, 4.7220, 2.5300



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Inverse Universe

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



65.6290, 98.4730, 60.1130



84.9090, 127.5840, 77.6960



115.2040, -106.6870, -21.3670



92.9190, 4.7220, 2.5300



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 65.6290, 98.4730, 60.1130 looks on a white background.

Color Contrast Check

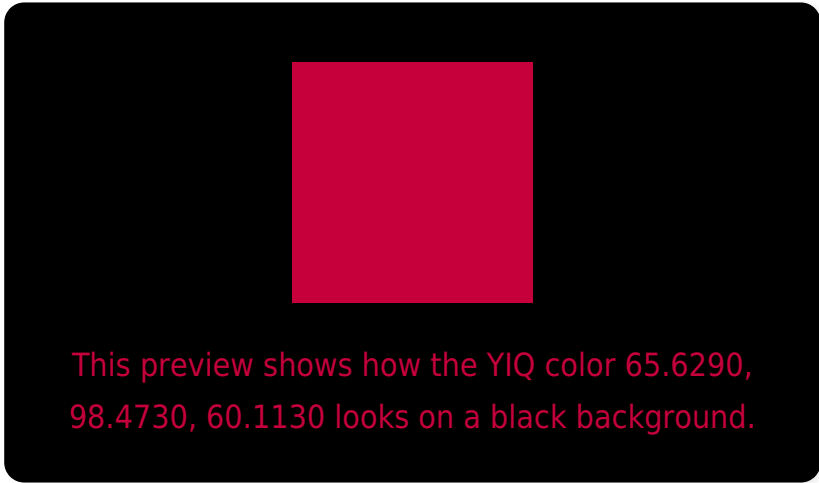
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.6290, 98.4730, 60.1130

Background



This preview shows how black text looks on a background with the YIQ color 65.6290, 98.4730, 60.1130.



This preview shows how white text looks on a background with the YIQ color 65.6290, 98.4730,

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

65.6290, 98.4730, 60.1130

Protanopia

100.1270, 6.8320, -2.6720

Deuteranopia

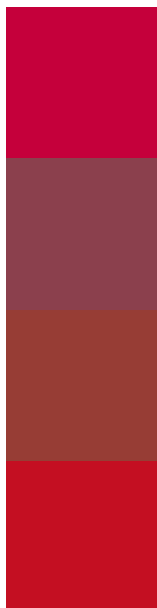
99.0140, 31.7750, -8.6810



Tritanopia

74.8580, 104.1170, 34.9090

Trichromacy



Original Color

65.6290, 98.4730, 60.1130

Protanomaly

87.9070, 40.5270, 19.9430

Deuteranomaly

86.9980, 56.2080, 16.5920

Tritanomaly

71.2850, 101.7770, 44.2810

Monochromacy



Original Color

65.6290, 98.4730, 60.1130

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.9220, 36.1710, 21.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.6290, 98.4730, 60.1130 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(197, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 59)  
}
```

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(197, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 59) }
```

Border

The CSS property to change the border of an element to YIQ 65.6290, 98.4730, 60.1130 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(197, 0, 59) }
```


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

```
.border{ border-color:rgb(197, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(197, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.6290, 98.4730, 60.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 59) }
```

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

```
.background{ background-color: rgb(197, 0,  
59) }
```

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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