

Converting Colors

YIQ(69.6500, 93.9800, 58.9400)

Have a look what the booklet for
YIQ(69.6500, 93.9800, 58.9400)
contains.

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Color

**YIQ(69.6500, 93.9800,
58.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	C40642
RGB	196, 6, 66
RGB Percent	77%, 2%, 26%
CMY	0.2309, 0.9766, 0.7408
CMYK	0.00, 0.97, 0.66, 0.23
HSL	341°, 94%, 40%
HSV	341°, 97%, 77%
XYZ	23.8475, 12.2754, 6.2796
YIQ	69.6500, 93.9800, 58.9400

Conversions

Conversions Part 2

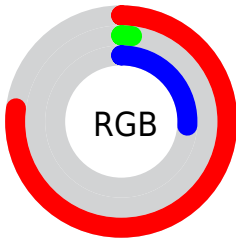
Format	Color
R_{YB}	196, 6, 66
Decimal	12846658
CIE Lab	41.65, 66.87, 22.13
CIE LCh	42, 70.431, 18.309
Yxy	12.2754, 0.5624, 0.2895
Android (android.graphics.Color)	4291036738 (0xFFC40642)
YUV	69.6500, -1.7994, 110.8090
Hunter-Lab	35.0362, 60.1833, 13.8987

Details

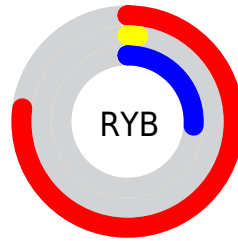
The YIQ color **69.6500, 93.9800, 58.9400** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **132.3500, -93.9800, -58.9400**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7230, 91.7360, 44.5360**, and **42.8020, 72.1600, 35.8720** is the 20% darker color. If you saturate the color by 10%, you get **65.6720, 96.9140, 60.8340**, and if you desaturate by 10%, it is **82.8720, 84.3070, 52.5230**.

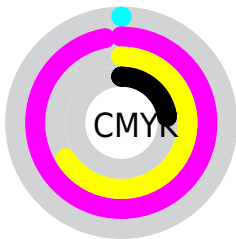
Distribution



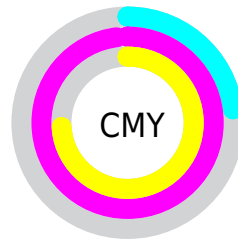
- Red (77%)
- Green (2%)
- Blue (26%)



- Red (77%)
- Yellow (2%)
- Blue (26%)



- Cyan (0%)
- Magenta (97%)
- Yellow (66%)
- Black (23%)





- Cyan (23%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.6500, 93.9800, 58.9400 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 69.6500, 93.9800, 58.9400 by changing the saturation by 10% instead.


 69.6500, 93.9800,
58.9400


 69.6500, 93.9800,
58.9400


255.0000, -0.0000,
-0.0000


 54.3510, 84.2160,
48.6640


 139.7230, 91.7360,
44.5360


 42.8020, 72.1600,
35.8720


 160.1830, 75.4610,
36.6210


 31.0960, 61.9840,
22.0480

 180.1700, 59.1400,
29.5400

 22.4680, 43.1410,
16.6210

 200.2710, 42.4980,
22.7700

 12.9710, 25.3070,
9.4270

 220.4860, 25.5350,
16.3110

 0.0000, 0.0000,
0.0000

 241.4020, 7.9760,

9.6400

■ 69.6500, 93.9800,
58.9400

■ 69.6500, 93.9800,
58.9400

■ 65.6720, 96.9140,
60.8340

■ 82.8720, 84.3070,
52.5230

■ 95.6210, 74.5880,
46.9400

■ 108.8430, 64.9150,
40.5230

■ 121.5920, 55.1960,
34.9400

■ 134.8140, 45.5230,
28.5230

■ 148.1500, 35.5290,
22.4170

■ 160.7850, 26.1310,
16.5230

■ 174.0070, 16.4580,
10.1060

■ 186.7560, 6.7390,
4.5230

Harmonies

Analogous

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



75.5170, 70.0900, 73.4020



69.6500, 93.9800, 58.9400



86.6100, 89.1750, 8.3350

Triad

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



69.6500, 93.9800, 58.9400



68.0920, -31.9000, -60.6680



90.0260, -99.1730, 7.6670

Complementary

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



69.6500, 93.9800, 58.9400



132.3500, -93.9800, -58.9400

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.



92.1170, -92.6600, -5.7480



69.6500, 93.9800, 58.9400



79.3490, -56.7080, -40.5800

Square

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



69.6500, 93.9800, 58.9400



88.2350, 22.7020, -36.9940



86.7760, -76.2430, -22.4430



78.5310, -92.9850, 16.6710

Rectangle

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



69.6500, 93.9800, 58.9400



92.1200, 69.4630, -8.8810



86.7760, -76.2430, -22.4430



91.6900, -98.3470, 3.7090

Sweetspot

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



69.6500, 93.9800, 58.9400



205.7480, 36.7210, 22.8410



66.5300, 16.4900, 86.6500



98.0510, 22.3260, 13.8940



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.



69.6500, 93.9800, 58.9400



85.4790, 125.9790, 79.2510



83.3550, 103.6150, 21.9750



90.3320, 4.9970, 3.0530



53.9530, 79.5850, 49.9930



11.0070, 16.4580, 10.1060

Inverse Universe

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



69.6500, 93.9800, 58.9400



85.4790, 125.9790, 79.2510



118.6450, -103.6150, -21.9750



90.3320, 4.9970, 3.0530



53.9530, 79.5850, 49.9930



11.0070, 16.4580, 10.1060

Previews

White Background



This preview shows how the YIQ color 69.6500, 93.9800, 58.9400 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 69.6500, 93.9800, 58.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

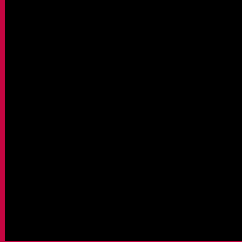
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.6500, 93.9800, 58.9400

Background



This preview shows how black text looks on a background with the YIQ color 69.6500, 93.9800, 58.9400.



This preview shows how white text looks on a background with the YIQ color 69.6500, 93.9800,

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

69.6500, 93.9800, 58.9400

Protanopia

100.5550, 2.7510, -0.2970

Deuteranopia

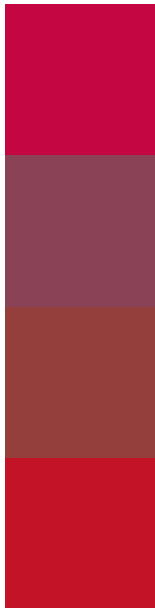
99.3280, 28.0150, -6.6170



Tritanopia

76.8900, 101.0910, 34.6830

Trichromacy



Original Color

69.6500, 93.9800, 58.9400

Protanomaly

89.5090, 35.8960, 21.2720

Deuteranomaly

88.3720, 52.2190, 17.2990

Tritanomaly

73.9040, 98.4760, 43.5320

Monochromacy



Original Color

69.6500, 93.9800, 58.9400

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1390, 34.0620, 21.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6500, 93.9800, 58.9400 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(196, 6, 66)` looks like.

```
.text, #text, p{  
    color:rgb(196, 6, 66)  
}
```

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(196, 6, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 6, 66) }
```

Border

The CSS property to change the border of an element to YIQ 69.6500, 93.9800, 58.9400 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(196, 6, 66) }
```


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

```
.border{ border-color:rgb(196, 6, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 6, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 6, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 6, 66);  
box-shadow:4px 4px 4px 4px rgb(196, 6, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.6500, 93.9800, 58.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 6, 66) }
```

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

```
.background{ background-color: rgb(196, 6,  
66) }
```

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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