

Converting Colors

YIQ(65.5110, 112.6440, 40.0680)

Have a look what the booklet for
YIQ(65.5110, 112.6440, 40.0680)
contains.

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Color

**YIQ(65.5110, 112.6440,
40.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	C60909
RGB	198, 9, 9
RGB Percent	78%, 4%, 4%
CMY	0.2231, 0.9649, 0.9643
CMYK	0.00, 0.95, 0.95, 0.22
HSL	360°, 91%, 41%
HSV	360°, 95%, 78%
XYZ	23.4657, 12.2350, 1.3865
YIQ	65.5110, 112.6440, 40.0680

Conversions

Conversions Part 2

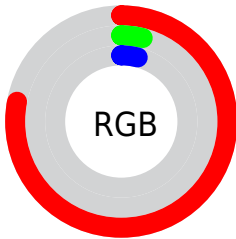
Format	Color
R_{YB}	198, 9, 9
Decimal	12978441
CIE Lab	41.59, 65.45, 52.58
CIE LCh	42, 83.954, 38.781
Yxy	12.2350, 0.6327, 0.3299
Android (android.graphics.Color)	4291168521 (0xFFC60909)
YUV	65.5110, -27.8599, 116.1929
Hunter-Lab	34.9785, 58.5361, 22.1348

Details

The YIQ color **65.5110, 112.6440, 40.0680** 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 **141.4890, -112.6440, -40.0680**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.3390, 109.7120, 27.1200**, and **40.0660, 79.8640, 28.4080** is the 20% darker color. If you saturate the color by 10%, you get **59.2020, 118.0080, 41.9760**, and if you desaturate by 10%, it is **79.5310, 100.7240, 35.8280**.

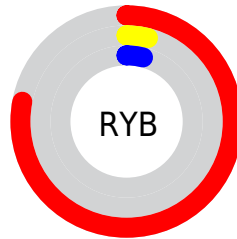
Distribution



Red (78%)

Green (4%)

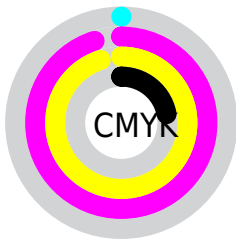
Blue (4%)



Red (78%)

Yellow (4%)

Blue (4%)

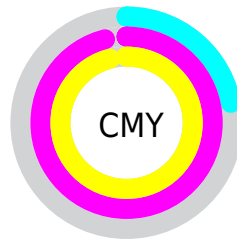


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (22%)



Cyan (22%)


Magenta (96%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 65.5110, 112.6440, 40.0680 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 65.5110, 112.6440, 40.0680 by changing the saturation by 10% instead.


 65.5110, 112.6440,
40.0680


 65.5110, 112.6440,
40.0680


 253.8600, 3.2100,
-3.1100


 49.6340, 98.9360,
35.1920


 133.4530,
109.3910, 27.4310


 40.0660, 79.8640,
28.4080


 153.2120, 93.7120,
19.7280


 30.4980, 60.7920,
21.6240

 173.0850, 77.7120,
12.3360

 22.1690, 42.5450,
16.4090

 193.0720, 61.3910,
5.2550

 12.6720, 24.7110,
9.2150

 213.0590, 45.0700,
-1.8260

 0.0000, 0.0000,
0.0000

 233.8610, 27.8320,

-8.8080

■ 250.5540, 12.5190,
-12.1290

■ 65.5110, 112.6440,
40.0680

■ 65.5110, 112.6440,
40.0680

■ 59.2020, 118.0080,
41.9760

■ 79.5310, 100.7240,
35.8280

■ 93.5510, 88.8040,
31.5880

■ 106.9840, 77.1590,
27.8710

■ 120.8900, 65.5600,
23.3200

■ 134.9100, 53.6400,
19.0800

■ 148.9300, 41.7200,
14.8400

■ 162.9500, 29.8000,
10.6000

■ 176.2690, 18.4760,
6.5720

■ 190.2890, 6.5560,
2.3320

Harmonies

Analogous

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



73.0350, 100.6260, 70.6580



65.5110, 112.6440, 40.0680



91.5660, 74.1390, -5.5170

Triad

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



65.5110, 112.6440, 40.0680



76.5160, -47.3530, -50.4330



87.0060, -104.4480, 20.6720

Complementary

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



65.5110, 112.6440, 40.0680



141.4890, -112.6440, -40.0680

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.



95.9590, -106.2340, 8.9820



65.5110, 112.6440, 40.0680



86.8270, -72.2530, -28.6770

Square

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



65.5110, 112.6440, 40.0680



68.0920, -31.9000, -60.6680



94.3510, -93.4390, -8.1510



97.4370, -15.1860, 54.9740

Rectangle

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



65.5110, 112.6440, 40.0680



92.5420, 47.1830, -23.6090



94.3510, -93.4390, -8.1510



91.2290, -106.6940, 17.3220

Sweetspot

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



65.5110, 112.6440, 40.0680



203.1260, 44.1040, 15.6880



86.1600, 50.1870, 98.2110



96.4550, 26.8200, 9.5400



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.



65.5110, 112.6440, 40.0680



76.2450, 151.9800, 54.0600



118.9280, 87.6190, -7.5250



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Inverse Universe

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



65.5110, 112.6440, 40.0680



76.2450, 151.9800, 54.0600



88.0720, -87.6190, 7.5250



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 65.5110, 112.6440, 40.0680 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 65.5110, 112.6440, 40.0680

Background



This preview shows how black text looks on a background with the YIQ color 65.5110, 112.6440, 40.0680.



This preview shows how white text looks on a background with the YIQ color 65.5110, 112.6440,

40.0680.

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

65.5110, 112.6440, 40.0680

Protanopia

95.3800, 30.2640, -19.8480

Deuteranopia

93.4390, 48.9710, -22.9730



Tritanopia

69.4690, 112.4620, 32.3500

Trichromacy



Original Color

65.5110, 112.6440, 40.0680

Protanomaly

84.4800, 60.0620, 1.8060

Deuteranomaly

83.3580, 72.0290, -0.3150

Tritanomaly

68.0500, 112.3240, 34.8520

Monochromacy



Original Color

65.5110, 112.6440, 40.0680

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.6310, 41.1240, 14.6280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.5110, 112.6440, 40.0680 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(198, 9, 9)` looks like.

```
.text, #text, p{  
    color:rgb(198, 9, 9)  
}
```

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(198, 9, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 9, 9) }
```

Border

The CSS property to change the border of an element to YIQ 65.5110, 112.6440, 40.0680 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(198, 9, 9) }
```


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

```
.border{ border-color:rgb(198, 9, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 9, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 9, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(198, 9, 9); box-shadow:4px  
4px 4px 4px rgb(198, 9, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 65.5110, 112.6440, 40.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 9, 9) }
```

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

```
.background{ background-color: rgb(198, 9,  
9) }
```

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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