

Converting Colors

YIQ(64.0860, 112.6430, 45.5950)

Have a look what the booklet for
YIQ(64.0860, 112.6430, 45.5950)
contains.

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Color

**YIQ(64.0860, 112.6430,
45.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	C80411
RGB	200, 4, 17
RGB Percent	78%, 2%, 7%
CMY	0.2152, 0.9845, 0.9329
CMYK	0.00, 0.98, 0.91, 0.22
HSL	356°, 96%, 40%
HSV	356°, 98%, 78%
XYZ	23.9963, 12.4219, 1.6678
YIQ	64.0860, 112.6430, 45.5950

Conversions

Conversions Part 2

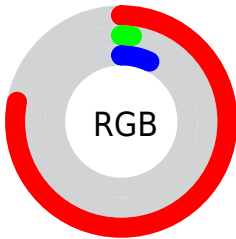
Format	Color
R_{YB}	200, 4, 17
Decimal	13108241
CIE Lab	41.88, 66.54, 50.12
CIE LCh	42, 83.301, 36.991
Yxy	12.4219, 0.6301, 0.3262
Android (android.graphics.Color)	4291298321 (0xFFC80411)
YUV	64.0860, -23.2134, 119.1966
Hunter-Lab	35.2447, 59.8533, 21.8656

Details

The YIQ color **64.0860, 112.6430, 45.5950** 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 **139.9140, -112.6430, -45.5950**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.4360, 108.0610, 29.5090**, and **40.6640, 81.0560, 28.8320** is the 20% darker color. If you saturate the color by 10%, you get **61.2820, 115.0270, 46.4430**, and if you desaturate by 10%, it is **77.9920, 101.0440, 41.0440**.

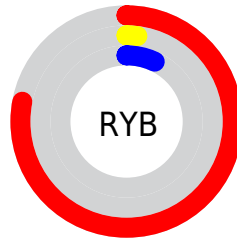
Distribution



Red (78%)

Green (2%)

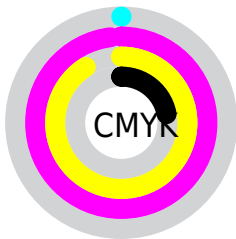
Blue (7%)



Red (78%)

Yellow (2%)

Blue (7%)

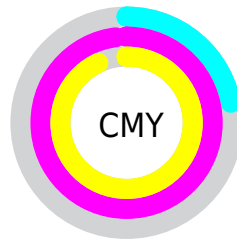


Cyan (0%)

Magenta (98%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (98%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.0860, 112.6430, 45.5950 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 64.0860, 112.6430, 45.5950 by changing the saturation by 10% instead.

■ 64.0860, 112.6430,
45.5950

■ 64.0860, 112.6430,
45.5950

■ 254.5440, 1.2840,
-1.2440

■ 50.2320, 100.1280,
35.6160

■ 133.4360,
108.0610, 29.5090

■ 40.6640, 81.0560,
28.8320

■ 153.7820, 92.1070,
21.2830

■ 31.0960, 61.9840,
22.0480

■ 173.7690, 75.7860,
14.2020

■ 22.7670, 43.7370,
16.8330

■ 193.7560, 59.4650,
7.1210

■ 13.2700, 25.9030,
9.6390

■ 213.7430, 43.1440,
0.0400

■ 0.0000, 0.0000,
0.0000

■ 234.5450, 25.9060,

-6.9420

251.2380, 10.5930,
-10.2630

64.0860, 112.6430,
45.5950

64.0860, 112.6430,
45.5950

61.2820, 115.0270,
46.4430

77.9920, 101.0440,
41.0440

91.7840, 89.7660,
36.1820

105.6900, 78.1670,
31.6310

119.5960, 66.5680,
27.0800

133.3880, 55.2900,
22.2180

■ 147.2940, 43.6910,
17.6670

■ 161.2000, 32.0920,
13.1160

■ 174.9920, 20.8140,
8.2540

■ 188.8980, 9.2150,
3.7030

Harmonies

Analogous

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



73.4910, 99.3420, 71.9020



64.0860, 112.6430, 45.5950



91.8760, 76.2020, -4.3580

Triad

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



64.0860, 112.6430, 45.5950



76.6470, -46.3440, -52.2000



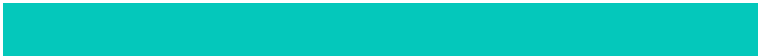
88.1800, -104.9980, 19.6260

Complementary

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



64.0860, 112.6430, 45.5950



139.9140, -112.6430, -45.5950

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.



96.3180, -105.8670, 7.8370



64.0860, 112.6430, 45.5950



86.3710, -70.9690, -29.9210

Square

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



64.0860, 112.6430, 45.5950



70.4840, -27.1320, -58.9720



94.5960, -92.7510, -9.6070



98.3330, -20.8250, 52.5430

Rectangle

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



64.0860, 112.6430, 45.5950



93.1510, 49.8420, -22.2380



94.5960, -92.7510, -9.6070



92.4030, -107.2440, 16.2760

Sweetspot

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



64.0860, 112.6430, 45.5950



203.6960, 42.4990, 17.2430



80.1640, 44.3640, 99.1160



96.7970, 25.8570, 10.4730



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.



64.0860, 112.6430, 45.5950



78.1830, 146.5230, 59.3470



110.7380, 94.2660, -1.3340



92.6910, 5.3640, 1.9080



49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Inverse Universe

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



64.0860, 112.6430, 45.5950



78.1830, 146.5230, 59.3470



93.2620, -94.2660, 1.3340



92.6910, 5.3640, 1.9080



49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 64.0860, 112.6430, 45.5950 looks on a white background.

Color Contrast Check

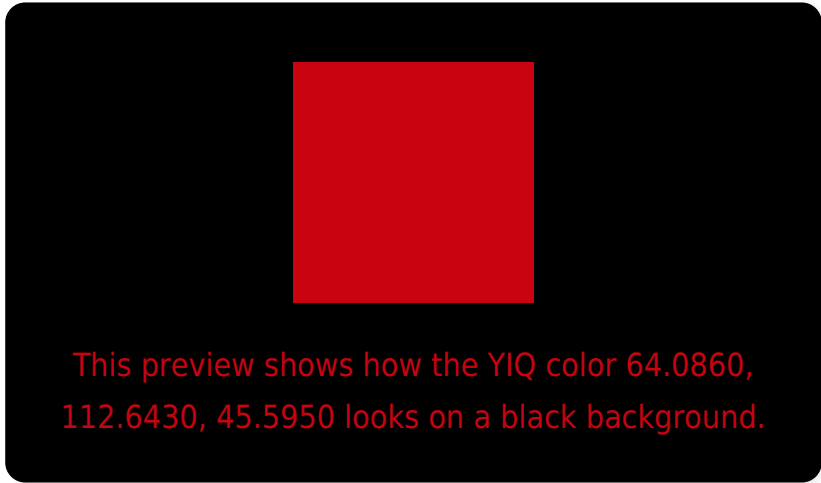
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.0860, 112.6430, 45.5950

Background



This preview shows how black text looks on a background with the YIQ color 64.0860, 112.6430, 45.5950.



This preview shows how white text looks on a background with the YIQ color 64.0860, 112.6430,

45.5950.

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

64.0860, 112.6430, 45.5950

Protanopia

97.0640, 28.3380, -17.9820

Deuteranopia

94.3250, 49.2920, -23.2840



Tritanopia

70.0670, 113.6540, 32.7740

Trichromacy



Original Color

64.0860, 112.6430, 45.5950

Protanomaly

85.2890, 59.2820, 4.9300

Deuteranomaly

83.7110, 72.5330, 1.5650

Tritanomaly

67.8160, 113.1030, 37.2550

Monochromacy



Original Color

64.0860, 112.6430, 45.5950

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.7990, 40.7110, 16.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.0860, 112.6430, 45.5950 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(200, 4, 17)` looks like.

```
.text, #text, p{  
    color:rgb(200, 4, 17)  
}
```

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(200, 4, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 4, 17) }
```

Border

The CSS property to change the border of an element to YIQ 64.0860, 112.6430, 45.5950 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(200, 4, 17) }
```


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

```
.border{ border-color:rgb(200, 4, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 4, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 4, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 4, 17);  
box-shadow:4px 4px 4px 4px rgb(200, 4, 17)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.0860, 112.6430, 45.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 4, 17) }
```

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

```
.background{ background-color: rgb(200, 4,  
17) }
```

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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