

Converting Colors

YIQ(65.7920, 113.6510, 49.3550)

Have a look what the booklet for
YIQ(65.7920, 113.6510, 49.3550)
contains.

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Color

**YIQ(65.7920, 113.6510,
49.3550)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD0318 |
| RGB | 205, 3, 24 |
| RGB Percent | 80%, 1%, 9% |
| CMY | 0.1956, 0.9884, 0.9054 |
| CMYK | 0.00, 0.99, 0.88, 0.20 |
| HSL | 354°, 97%, 41% |
| HSV | 354°, 99%, 80% |
| XYZ | 25.4093, 13.1267, 2.0647 |
| YIQ | 65.7920, 113.6510, 49.3550 |

Conversions

Conversions Part 2

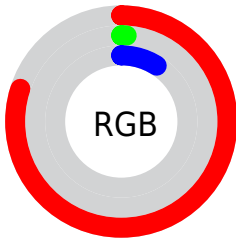
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 3, 24 |
| Decimal | 13435672 |
| CIELab | 42.95, 67.99, 48.31 |
| CIELCh | 43, 83.404, 35.397 |
| Yxy | 13.1267, 0.6258, 0.3233 |
| Android (android.graphics.Color) | 4291625752 (0xFFCD0318) |
| YUV | 65.7920, -20.6035, 122.0854 |
| Hunter-Lab | 36.2308, 61.7808, 21.9828 |

Details

The YIQ color **65.7920, 113.6510, 49.3550** 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 **142.2080, -113.6510, -49.3550**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.7070, 105.8600, 30.8520**, and **42.1590, 84.0360, 29.8920** is the 20% darker color. If you saturate the color by 10%, you get **63.6890, 115.4390, 49.9910**, and if you desaturate by 10%, it is **79.5840, 102.3730, 44.4930**.

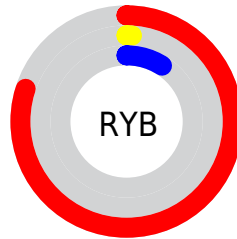
Distribution



Red (80%)

Green (1%)

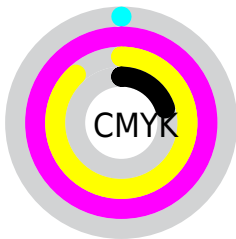
Blue (9%)



Red (80%)

Yellow (1%)

Blue (9%)

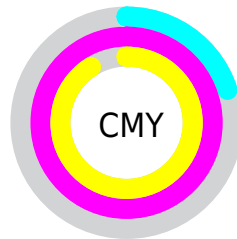


Cyan (0%)

Magenta (99%)

Yellow (88%)

Black (20%)



Cyan (20%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.7920, 113.6510, 49.3550 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 65.7920, 113.6510, 49.3550 by changing the saturation by 10% instead.

■ 65.7920, 113.6510,
49.3550

■ 65.7920, 113.6510,
49.3550

255.0000, -0.0000,
-0.0000

■ 51.7270, 103.1080,
36.6760

■ 134.7070,
105.8600, 30.8520

■ 42.1590, 84.0360,
29.8920

■ 155.1670, 89.5850,
22.9370

■ 32.5910, 64.9640,
23.1080

■ 175.0400, 73.5850,
15.5450

■ 23.8490, 46.4420,
17.3700

■ 195.0270, 57.2640,
8.4640

■ 14.5800, 27.9660,
10.7980

■ 215.7150, 40.3470,
1.1710

■ 0.0000, 0.0000,
0.0000

■ 235.8160, 23.7050,

-5.5990

252.0360, 8.3460,
-8.0860

65.7920, 113.6510,
49.3550

65.7920, 113.6510,
49.3550

63.6890, 115.4390,
49.9910

79.5840, 102.3730,
44.4930

94.0770, 90.4990,
39.4190

107.8690, 79.2210,
34.5570

122.3620, 67.3470,
29.4830

136.7410, 55.7940,
24.0980

■ 150.5330, 44.5160,
19.2360

■ 165.0260, 32.6420,
14.1620

■ 178.8180, 21.3640,
9.3000

■ 193.1970, 9.8110,
3.9150

Harmonies

Analogous

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



75.0720, 99.2040, 74.4040



65.7920, 113.6510, 49.3550



93.6700, 79.7780, -3.0860

Triad

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



65.7920, 113.6510, 49.3550



77.5930, -46.2520, -53.8680



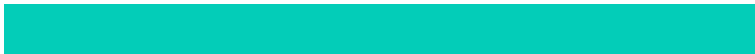
90.9840, -107.3820, 18.7780

Complementary

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



65.7920, 113.6510, 49.3550



142.2080, -113.6510, -49.3550

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.



98.8940, -107.6090, 6.3670



65.7920, 113.6510, 49.3550



88.0180, -71.4730, -31.8010

Square

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



65.7920, 113.6510, 49.3550



77.3390, -16.3580, -55.9900



96.3570, -93.5760, -11.1760



100.9410, -25.5930, 50.8470

Rectangle

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



65.7920, 113.6510, 49.3550



95.5320, 53.1430, -21.4890



96.3570, -93.5760, -11.1760



95.0930, -109.3070, 15.1170

Sweetspot

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



65.7920, 113.6510, 49.3550



202.6360, 42.7280, 18.6000



79.5490, 41.8420, 100.7700



96.2100, 26.1320, 10.9960



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.



65.7920, 113.6510, 49.3550



79.3230, 143.3130, 62.4570



108.5970, 99.2170, 2.5530



95.1040, 5.6390, 2.4310



51.5720, 93.4790, 40.4790



11.8180, 21.3640, 9.3000

Inverse Universe

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



65.7920, 113.6510, 49.3550



79.3230, 143.3130, 62.4570



99.4030, -99.2170, -2.5530



95.1040, 5.6390, 2.4310



51.5720, 93.4790, 40.4790



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 65.7920, 113.6510, 49.3550 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 65.7920, 113.6510, 49.3550

Background



This preview shows how black text looks on a background with the YIQ color 65.7920, 113.6510, 49.3550.



This preview shows how white text looks on a background with the YIQ color 65.7920, 113.6510,

49.3550.

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

65.7920, 113.6510, 49.3550

Protanopia

100.2210, 26.4580, -16.9500

Deuteranopia

96.6950, 51.1260, -23.4820



Tritanopia

72.1490, 116.3590, 33.3110

Trichromacy



Original Color

65.7920, 113.6510, 49.3550

Protanomaly

87.5710, 58.5480, 7.2200

Deuteranomaly

85.2490, 73.9540, 3.3460

Tritanomaly

69.6530, 115.1200, 39.2480

Monochromacy



Original Color

65.7920, 113.6510, 49.3550

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0380, 41.5360, 18.1760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.7920, 113.6510, 49.3550 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(205, 3, 24)` looks like.

```
.text, #text, p{  
    color:rgb(205, 3, 24)  
}
```

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(205, 3, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 3, 24) }
```

Border

The CSS property to change the border of an element to YIQ 65.7920, 113.6510, 49.3550 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(205, 3, 24) }
```


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

```
.border{ border-color:rgb(205, 3, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 3, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 3, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 3, 24);  
box-shadow:4px 4px 4px 4px rgb(205, 3, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.7920, 113.6510, 49.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 3, 24) }
```

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

```
.background{ background-color: rgb(205, 3,  
24) }
```

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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