

Converting Colors

YIQ(68.8120, 110.8990, 55.1790)

Have a look what the booklet for
YIQ(68.8120, 110.8990, 55.1790)
contains.

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Color

**YIQ(68.8120, 110.8990,
55.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	D10328
RGB	209, 3, 40
RGB Percent	82%, 1%, 16%
CMY	0.1799, 0.9884, 0.8427
CMYK	0.00, 0.99, 0.81, 0.18
HSL	349°, 97%, 42%
HSV	349°, 99%, 82%
XYZ	26.7480, 13.7916, 3.2691
YIQ	68.8120, 110.8990, 55.1790

Conversions

Conversions Part 2

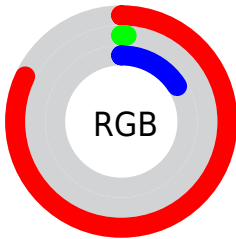
Format	Color
RYB	209, 3, 40
Decimal	13697832
CIELab	43.93, 69.33, 41.17
CIElCh	44, 80.631, 30.704
Yxy	13.7916, 0.6106, 0.3148
Android (android.graphics.Color)	4291887912 (0xFFD10328)
YUV	68.8120, -14.2043, 122.9449
Hunter-Lab	37.1370, 63.5750, 20.7767

Details

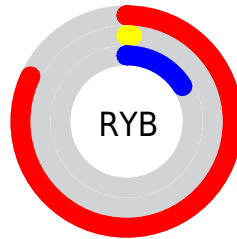
The YIQ color **68.8120, 110.8990, 55.1790** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **143.1880, -110.8990, -55.1790**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.7050, 100.1740, 34.7820**, and **43.3550, 86.4200, 30.7400** is the 20% darker color. If you saturate the color by 10%, you get **66.8230, 112.3660, 56.1260**, and if you desaturate by 10%, it is **83.0770, 99.6670, 49.4830**.

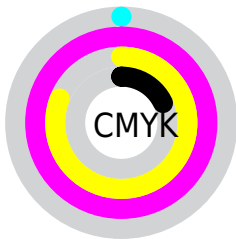
Distribution



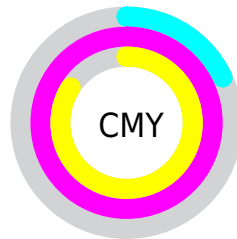
- Red (82%)
- Green (1%)
- Blue (16%)



- Red (82%)
- Yellow (1%)
- Blue (16%)



- Cyan (0%)
- Magenta (99%)
- Yellow (81%)
- Black (18%)



- Cyan (18%)
- Magenta (99%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.8120, 110.8990, 55.1790 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 68.8120, 110.8990, 55.1790 by changing the saturation by 10% instead.

■ 68.8120, 110.8990,
55.1790

■ 68.8120, 110.8990,
55.1790

255.0000, -0.0000,
-0.0000

■ 55.0890, 99.3930,
43.4330

■ 137.7050,
100.1740, 34.7820

■ 43.3550, 86.4200,
30.7400

■ 157.5780, 84.1740,
27.3900

■ 33.7870, 67.3480,
23.9560

■ 178.0380, 67.8990,
19.4750

■ 25.0450, 48.8260,
18.2180

■ 198.1390, 51.2570,
12.7050

■ 15.7760, 30.3500,
11.6460

■ 218.8270, 34.3400,
5.4120

■ 0.0000, 0.0000,
0.0000

■ 239.0420, 17.3770,

-1.0470

253.9740, 2.8890,
-2.7990

68.8120, 110.8990,
55.1790

68.8120, 110.8990,
55.1790

66.8230, 112.3660,
56.1260

83.0770, 99.6670,
49.4830

97.3420, 88.4350,
43.7870

111.7210, 76.8820,
38.4020

125.9860, 65.6500,
32.7060

140.2510, 54.4180,
27.0100

■ 153.9290, 43.4610,
21.8370

■ 168.1940, 32.2290,
16.1410

■ 182.4590, 20.9970,
10.4450

■ 196.7240, 9.7650,
4.7490

Harmonies

Analogous

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



75.9560, 93.8390, 78.0230



68.8120, 110.8990, 55.1790



94.8880, 85.0960, -0.3440

Triad

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



68.8120, 110.8990, 55.1790



77.8550, -44.2340, -57.4020



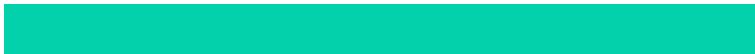
93.6910, -108.1150, 15.5410

Complementary

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



68.8120, 110.8990, 55.1790



143.1880, -110.8990, -55.1790

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.



99.8570, -106.1870, 2.6210



68.8120, 110.8990, 55.1790



88.1660, -69.1340, -35.6460

Square

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



68.8120, 110.8990, 55.1790



86.2980, 0.0550, -50.5770



96.3910, -90.9160, -15.3320



101.7000, -41.2720, 43.1440

Rectangle

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



68.8120, 110.8990, 55.1790



98.2340, 59.9740, -18.6340



96.3910, -90.9160, -15.3320



96.9850, -109.1230, 11.7810

Sweetspot

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



68.8120, 110.8990, 55.1790



203.2060, 41.1230, 20.1550



76.7160, 34.0020, 99.6820



96.6660, 24.8480, 12.2400



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.



68.8120, 110.8990, 55.1790



81.4890, 137.2140, 68.3660



102.7490, 104.9010, 9.6770



97.5170, 5.9140, 2.9540



53.6520, 90.4980, 44.9460



13.0570, 22.1890, 10.8690

Inverse Universe

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



68.8120, 110.8990, 55.1790



81.4890, 137.2140, 68.3660



109.2510, -104.9010, -9.6770



97.5170, 5.9140, 2.9540



53.6520, 90.4980, 44.9460



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 68.8120, 110.8990, 55.1790 looks on a white background.

Color Contrast Check

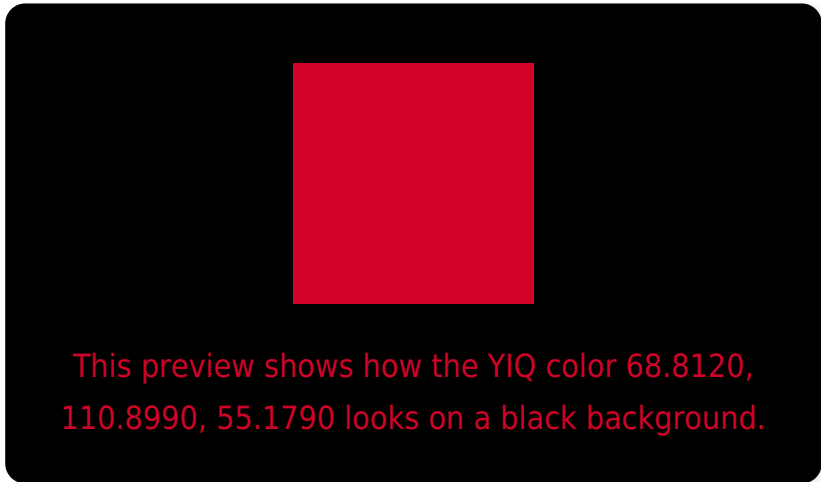
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.8120, 110.8990, 55.1790

Background



This preview shows how black text looks on a background with the YIQ color 68.8120, 110.8990, 55.1790.



This preview shows how white text looks on a background with the YIQ color 68.8120, 110.8990,

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

68.8120, 110.8990, 55.1790

Protanopia

103.9740, 20.0840, -11.5640

Deuteranopia

101.0890, 44.3850, -16.9510



Tritanopia

73.0570, 119.6140, 34.8940

Trichromacy



Original Color

68.8120, 110.8990, 55.1790

Protanomaly

91.5090, 53.0910, 12.5070

Deuteranomaly

89.6000, 68.7720, 9.1560

Tritanomaly

71.8320, 116.1740, 42.1740

Monochromacy



Original Color

68.8120, 110.8990, 55.1790

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.9070, 40.5270, 19.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.8120, 110.8990, 55.1790 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(209, 3, 40)` looks like.

```
.text, #text, p{  
    color:rgb(209, 3, 40)  
}
```

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(209, 3, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 3, 40) }
```

Border

The CSS property to change the border of an element to YIQ 68.8120, 110.8990, 55.1790 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(209, 3, 40) }
```


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

```
.border{ border-color:rgb(209, 3, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 3, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 3, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 3, 40);  
box-shadow:4px 4px 4px 4px rgb(209, 3, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.8120, 110.8990, 55.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 3, 40) }
```

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

```
.background{ background-color: rgb(209, 3,  
40) }
```

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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