

Converting Colors

YIQ(108.6040, 89.3120, 11.3600)

Have a look what the booklet for
YIQ(108.6040, 89.3120, 11.3600)
contains.

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Color

**YIQ(108.6040, 89.3120,
11.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	C94D1D
RGB	201, 77, 29
RGB Percent	79%, 30%, 11%
CMY	0.2115, 0.6982, 0.8859
CMYK	0.00, 0.62, 0.86, 0.21
HSL	17°, 75%, 45%
HSV	17°, 86%, 79%
XYZ	26.9788, 17.8165, 3.1859
YIQ	108.6040, 89.3120, 11.3600

Conversions

Conversions Part 2

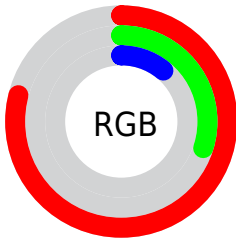
Format	Color
R_{YB}	201, 96, 29
Decimal	13192477
CIE _{Lab}	49.27, 47.25, 50.91
CIE _{LCh}	49, 69.458, 47.136
Yxy	17.8165, 0.5623, 0.3713
Android (android.graphics.Color)	4291382557 (0xFFC94D1D)
YUV	108.6040, -39.2448, 81.0313
Hunter-Lab	42.2096, 40.2236, 25.0717

Details

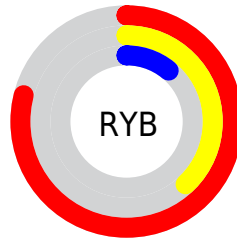
The YIQ color **108.6040, 89.3120, 11.3600** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **121.3960, -89.3120, -11.3600**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4470, 91.1920, 10.3280**, and **52.7140, 77.6190, 19.5310** is the 20% darker color. If you saturate the color by 10%, you get **97.5190, 99.8570, 12.9850**, and if you desaturate by 10%, it is **119.1020, 79.0420, 10.2580**.

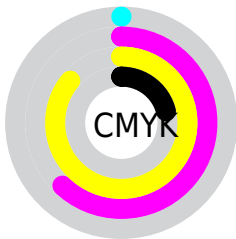
Distribution



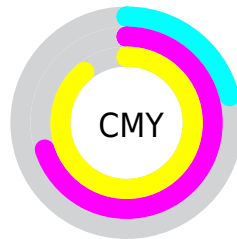
- Red (79%)
- Green (30%)
- Blue (11%)



- Red (79%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (86%)
- Black (21%)



- Cyan (21%)
- Magenta (70%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.6040, 89.3120, 11.3600 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 108.6040, 89.3120, 11.3600 by changing the saturation by 10% instead.

■ 108.6040, 89.3120,
11.3600

■ 108.6040, 89.3120,
11.3600

■ 255.0000, -0.0000,
-0.0000

■ 80.2940, 87.2490,
10.2010

■ 161.4470, 91.1920,
10.3280

■ 52.7140, 77.6190,
19.5310

■ 180.8470, 75.1460,
3.7700

■ 32.5910, 64.9640,
23.1080

■ 200.1330, 59.4210,
-3.0990

■ 23.6210, 47.0840,
16.7480

■ 219.6470, 43.0540,
-9.3460

■ 16.0750, 30.9460,
11.8580

■ 239.7480, 26.4120,
-16.1160

■ 0.8970, 1.7880,
0.6360

■ 249.9840, 14.1240,

■ 0.0000, 0.0000,

-13.6840

0.0000

253.2900, 4.8150,
-4.6650

108.6040, 89.3120,
11.3600

108.6040, 89.3120,
11.3600

97.5190, 99.8570,
12.9850

119.1020, 79.0420,
10.2580

92.9710, 104.3960,
13.3240

130.1870, 68.4970,
8.6330

140.6850, 58.2270,
7.5310

151.8840, 47.3610,
6.2170

162.9690, 36.8160,
4.5920

■ 173.4670, 26.5460,
3.4900

■ 184.5520, 16.0010,
1.8650

■ 195.0500, 5.7310,
0.7630

■ 206.1350, -4.8140,
-0.8620

Harmonies

Analogous

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



102.8740, 89.9930, 48.5930



108.6040, 89.3120, 11.3600



110.3720, 68.2730, -20.3590

Triad

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



108.6040, 89.3120, 11.3600



92.9130, -67.3440, -46.0640



102.5320, -85.5580, 19.7380

Complementary

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



108.6040, 89.3120, 11.3600



121.3960, -89.3120, -11.3600

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.



103.4590, -110.8180, 3.9500



108.6040, 89.3120, 11.3600



101.0410, -87.4750, -28.1390

Square

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



108.6040, 89.3120, 11.3600



89.4450, -31.3960, -58.7880



105.9090, -103.9380, -10.6100



119.1330, 8.9770, 52.0890

Rectangle

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



108.6040, 89.3120, 11.3600



108.4240, 44.1590, -34.8890



105.9090, -103.9380, -10.6100



97.2300, -108.4350, 10.3250

Sweetspot

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



108.6040, 89.3120, 11.3600



219.3000, 34.3860, 4.5780



94.7920, 62.0660, 75.6500



106.4170, 20.8150, 2.7270



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.



108.6040, 89.3120, 11.3600



117.9220, 132.4550, 16.9270



157.9120, 66.2120, -32.5720



93.8650, 4.8140, 0.8620



75.1520, 84.7730, 11.0210



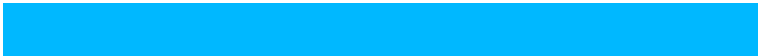
16.6340, 18.7060, 2.4020

Inverse Universe

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



121.3960, -89.3120, -11.3600



137.0780, -132.4550, -16.9270



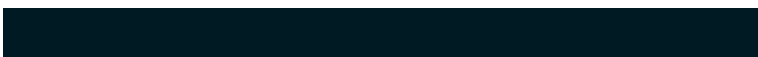
72.0880, -66.2120, 32.5720



95.1350, -4.8140, -0.8620



87.8480, -84.7730, -11.0210



19.3660, -18.7060, -2.4020

Previews

White Background



This preview shows how the YIQ color 108.6040, 89.3120, 11.3600 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 108.6040, 89.3120, 11.3600 looks on a black 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

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

YIQ 108.6040, 89.3120, 11.3600

Background



This preview shows how black text looks on a background with the YIQ color 108.6040, 89.3120, 11.3600.



This preview shows how white text looks on a background with the YIQ color 108.6040, 89.3120,

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

108.6040, 89.3120, 11.3600

Protanopia

113.1800, 33.7030, -21.6010

Deuteranopia

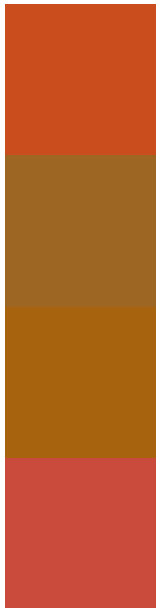
111.0930, 55.7570, -24.8110



Tritanopia

111.6250, 76.7920, 29.0160

Trichromacy



Original Color

108.6040, 89.3120, 11.3600

Protanomaly

111.3940, 54.0120, -9.7000

Deuteranomaly

110.0550, 68.0880, -11.4960

Tritanomaly

110.5620, 81.1030, 22.4710

Monochromacy



Original Color

108.6040, 89.3120, 11.3600

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.5170, 32.2770, 4.2530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.6040, 89.3120, 11.3600 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(201, 77, 29)` looks like.

```
.text, #text, p{  
    color:rgb(201, 77, 29)  
}
```

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(201, 77, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 77, 29) }
```

Border

The CSS property to change the border of an element to YIQ 108.6040, 89.3120, 11.3600 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(201, 77, 29) }
```


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

```
.border{ border-color:rgb(201, 77, 29) }
```

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

Here you see how a box with a 4 pixel rgb(201, 77, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 77, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 77, 29);  
box-shadow:4px 4px 4px 4px rgb(201, 77,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 108.6040, 89.3120, 11.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 77, 29) }
```

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

```
.background{ background-color: rgb(201, 77,  
29) }
```

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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