

Converting Colors

YIQ(104.9880, 96.5580, 1.1820)

Have a look what the booklet for
YIQ(104.9880, 96.5580, 1.1820)
contains.

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Color

**YIQ(104.9880, 96.5580,
1.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	C64E00
RGB	198, 78, 0
RGB Percent	78%, 31%, 0%
CMY	0.2233, 0.6943, 0.9995
CMYK	0.00, 0.61, 1.00, 0.22
HSL	24°, 100%, 39%
HSV	24°, 100%, 78%
XYZ	26.0260, 17.4558, 2.0008
YIQ	104.9880, 96.5580, 1.1820

Conversions

Conversions Part 2

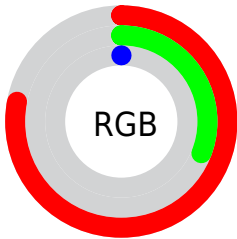
Format	Color
R_{YB}	198, 129, 0
Decimal	12996096
CIE Lab	48.83, 45.25, 59.00
CIE LCh	49, 74.350, 52.514
Yxy	17.4558, 0.5722, 0.3838
Android (android.graphics.Color)	4291186176 (0xFFC64E00)
YUV	104.9880, -51.7591, 81.5715
Hunter-Lab	41.7802, 38.0775, 26.4067

Details

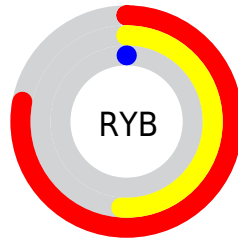
The YIQ color **104.9880, 96.5580, 1.1820** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **93.0120, -96.5580, -1.1820**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9820, 96.6950, 4.2070**, and **54.1650, 74.7310, 16.8030** is the 20% darker color. If you saturate the color by 10%, you get **104.9880, 96.5580, 1.1820**, and if you desaturate by 10%, it is **114.3120, 86.8380, 1.1260**.

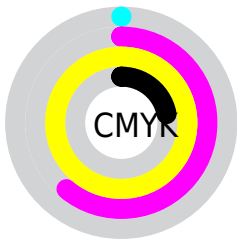
Distribution



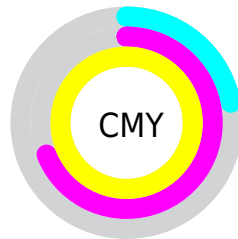
- Red (78%)
- Green (31%)
- Blue (0%)



- Red (78%)
- Yellow (51%)
- Blue (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (100%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.9880, 96.5580, 1.1820 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 104.9880, 96.5580, 1.1820 by changing the saturation by 10% instead.

104.9880, 96.5580,
1.1820

104.9880, 96.5580,
1.1820

254.5440, 1.2840,
-1.2440

80.4570, 85.2320,
8.2080

159.9820, 96.6950,
4.2070

54.1650, 74.7310,
16.8030

178.7950, 80.9240,
-1.8280

31.3950, 62.5800,
22.2600

198.1950, 64.8780,
-8.3860

22.7240, 45.2960,
16.1120

217.5950, 48.8320,
-14.9440

15.1780, 29.1580,
11.2220

237.6960, 32.1900,
-21.7140

0.0000, 0.0000,
0.0000

247.9320, 19.9020,

-19.2820

■ 251.2380, 10.5930,
-10.2630

■ 104.9880, 96.5580,
1.1820

■ 114.3120, 86.8380,
1.1260

■ 123.6360, 77.1180,
1.0700

■ 132.9600, 67.3980,
1.0140

■ 142.1700, 57.9990,
0.6470

■ 151.4940, 48.2790,
0.5910

■ 160.8180, 38.5590,
0.5350

■ 170.1420, 28.8390,
0.4790

■ 179.4660, 19.1190,
0.4230

■ 188.6760, 9.7200,
0.0560

Harmonies

Analogous

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



97.4790, 98.4750, 49.0590



104.9880, 96.5580, 1.1820



109.4420, 62.0840, -23.8360

Triad

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



104.9880, 96.5580, 1.1820



94.5260, -70.5080, -43.7880



108.3330, -65.5240, 31.1160

Complementary

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



104.9880, 96.5580, 1.1820



93.0120, -96.5580, -1.1820

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.



103.3110, -113.1570, 7.7950



104.9880, 96.5580, 1.1820



102.5230, -91.6480, -24.0960

Square

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



104.9880, 96.5580, 1.1820



83.6110, -46.6630, -62.9430



106.8040, -107.8360, -6.0440



115.8190, 21.9050, 60.0890

Rectangle

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



104.9880, 96.5580, 1.1820



106.5970, 36.1820, -39.0020



106.8040, -107.8360, -6.0440



94.9790, -108.9860, 14.8060

Sweetspot

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



104.9880, 96.5580, 1.1820



219.3340, 37.0460, 0.4220



73.1100, 78.8460, 79.9180



106.3200, 22.4660, 0.3380



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.



104.9880, 96.5580, 1.1820



134.9450, 124.4800, 1.7600



161.9270, 69.8830, -49.5490



94.4520, 4.5390, 0.3390



86.3050, 79.5480, 1.0840



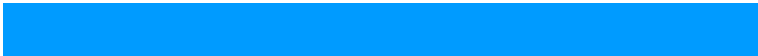
18.9820, 17.6060, 0.3100

Inverse Universe

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



93.0120, -96.5580, -1.1820



120.0550, -124.4800, -1.7600



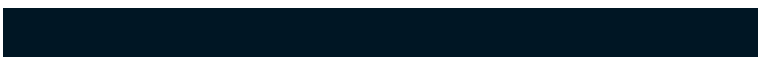
36.0730, -69.8830, 49.5490



94.5480, -4.5390, -0.3390



76.6950, -79.5480, -1.0840



17.0180, -17.6060, -0.3100

Previews

White Background



This preview shows how the YIQ color 104.9880, 96.5580, 1.1820 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 104.9880, 96.5580, 1.1820 looks on a 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 104.9880, 96.5580, 1.1820

Background



This preview shows how black text looks on a background with the YIQ color 104.9880, 96.5580, 1.1820.



This preview shows how white text looks on a background with the YIQ color 104.9880, 96.5580,

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

104.9880, 96.5580, 1.1820

Protanopia

110.4270, 40.0770, -26.9870

Deuteranopia

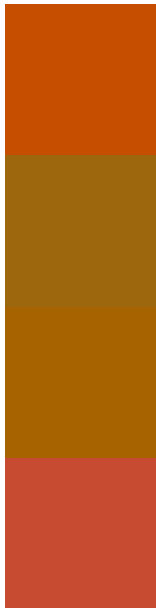
109.1100, 57.0870, -26.8890



Tritanopia

111.4290, 74.4080, 28.1680

Trichromacy



Original Color

104.9880, 96.5580, 1.1820

Protanomaly

108.5870, 60.4780, -16.7540

Deuteranomaly

107.7470, 71.7110, -16.5850

Tritanomaly

109.1120, 82.2500, 18.2020

Monochromacy



Original Color

104.9880, 96.5580, 1.1820

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9640, 35.2120, 0.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.9880, 96.5580, 1.1820 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, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 78, 0)  
}
```

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, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 78, 0) }
```

Border

The CSS property to change the border of an element to YIQ 104.9880, 96.5580, 1.1820 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, 78, 0) }
```


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

```
.border{ border-color:rgb(198, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(198, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 78, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 104.9880, 96.5580, 1.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 78, 0) }
```

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

```
.background{ background-color: rgb(198, 78,  
0) }
```

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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