

Converting Colors

YIQ(104.0510, 92.2470, 7.7270)

Have a look what the booklet for
YIQ(104.0510, 92.2470, 7.7270)
contains.

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Color

**YIQ(104.0510, 92.2470,
7.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	C54A0F
RGB	197, 74, 15
RGB Percent	77%, 29%, 6%
CMY	0.2272, 0.7100, 0.9408
CMYK	0.00, 0.62, 0.92, 0.23
HSL	19°, 86%, 42%
HSV	19°, 92%, 77%
XYZ	25.5753, 16.8046, 2.3515
YIQ	104.0510, 92.2470, 7.7270

Conversions

Conversions Part 2

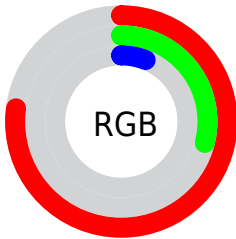
Format	Color
R_{YB}	197, 102, 15
Decimal	12929551
CIE _{Lab}	48.01, 46.88, 54.67
CIE _{LCh}	48, 72.019, 49.387
Yxy	16.8046, 0.5718, 0.3757
Android (android.graphics.Color)	4291119631 (0xFFC54A0F)
YUV	104.0510, -43.9021, 81.5163
Hunter-Lab	40.9934, 39.6260, 25.2943

Details

The YIQ color **104.0510, 92.2470, 7.7270** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **107.9490, -92.2470, -7.7270**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.4320, 95.5480, 8.4760**, and **49.1700, 76.3350, 20.7750** is the 20% darker color. If you saturate the color by 10%, you get **96.4710, 99.8120, 8.2920**, and if you desaturate by 10%, it is **113.9620, 82.2520, 7.1480**.

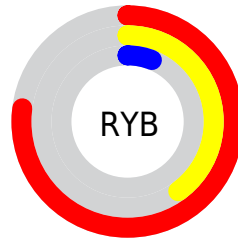
Distribution



Red (77%)

Green (29%)

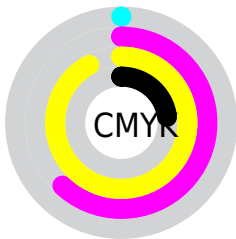
Blue (6%)



Red (77%)

Yellow (40%)

Blue (6%)

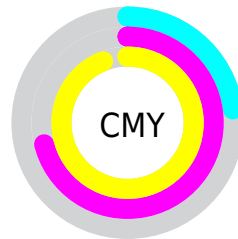


Cyan (0%)

Magenta (62%)

Yellow (92%)

Black (23%)



Cyan (23%)

Magenta (71%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.0510, 92.2470, 7.7270 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 104.0510, 92.2470, 7.7270 by changing the saturation by 10% instead.

104.0510, 92.2470,
7.7270

104.0510, 92.2470,
7.7270

255.0000, -0.0000,
-0.0000

77.2230, 86.0110,
10.6110

158.5460, 95.2270,
8.7870

49.1700, 76.3350,
20.7750

177.2450, 79.7770,
2.4410

31.0960, 61.9840,
22.0480

196.6450, 63.7310,
-4.1170

22.4250, 44.7000,
15.9000

216.0450, 47.6850,
-10.6750

14.8790, 28.5620,
11.0100

236.1460, 31.0430,
-17.4450

0.0000, 0.0000,
0.0000

248.7300, 17.6550,

-17.1050

■ 252.0360, 8.3460,
-8.0860

■ 104.0510, 92.2470,
7.7270

■ 104.0510, 92.2470,
7.7270

■ 96.4710, 99.8120,
8.2920

■ 113.9620, 82.2520,
7.1480

■ 124.4600, 71.9820,
6.0460

■ 134.2570, 62.3080,
5.1560

■ 144.1680, 52.3130,
4.5770

■ 154.6660, 42.0430,
3.4750

■ 164.4630, 32.3690,
2.5850

■ 174.3740, 22.3740,
2.0060

■ 184.8720, 12.1040,
0.9040

■ 194.6690, 2.4300,
0.0140

Harmonies

Analogous

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



96.3800, 94.4400, 50.6000



104.0510, 92.2470, 7.7270



107.6920, 64.3760, -21.3200

Triad

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



104.0510, 92.2470, 7.7270



91.8530, -67.1150, -44.7070



101.5760, -79.6900, 23.5260

Complementary

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



104.0510, 92.2470, 7.7270



107.9490, -92.2470, -7.7270

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.



101.9260, -110.6350, 6.1410



104.0510, 92.2470, 7.7270



99.6220, -87.6130, -25.6370

Square

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



104.0510, 92.2470, 7.7270



80.9380, -43.2700, -63.8620



103.9030, -103.8010, -7.5850



114.8780, 14.2490, 55.6650

Rectangle

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



104.0510, 92.2470, 7.7270



105.4450, 39.6660, -36.0620



103.9030, -103.8010, -7.5850



94.9960, -107.6560, 12.7280

Sweetspot

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



104.0510, 92.2470, 7.7270



218.7300, 35.9910, 3.0230



83.5540, 68.6680, 77.1480



105.3740, 22.3740, 2.0060



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.



104.0510, 92.2470, 7.7270



124.3790, 129.4300, 11.1740



156.8810, 67.4970, -39.3430



94.4520, 4.5390, 0.3390



79.8480, 82.5730, 6.8370



17.8080, 18.1560, 1.3560

Inverse Universe

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



107.9490, -92.2470, -7.7270



130.6210, -129.4300, -11.1740



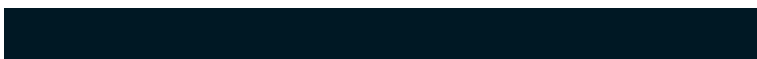
55.1190, -67.4970, 39.3430



94.5480, -4.5390, -0.3390



83.1520, -82.5730, -6.8370



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 104.0510, 92.2470, 7.7270 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 104.0510, 92.2470, 7.7270 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 104.0510, 92.2470, 7.7270

Background



This preview shows how black text looks on a background with the YIQ color 104.0510, 92.2470, 7.7270.



This preview shows how white text looks on a background with the YIQ color 104.0510, 92.2470,

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

104.0510, 92.2470, 7.7270

Protanopia

109.0400, 36.9130, -24.7110

Deuteranopia

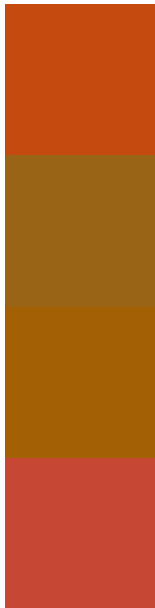
107.3380, 56.4450, -26.2670



Tritanopia

108.3260, 76.1960, 28.8040

Trichromacy



Original Color

104.0510, 92.2470, 7.7270

Protanomaly

107.2540, 57.2220, -12.8100

Deuteranomaly

105.9580, 69.7390, -13.8850

Tritanomaly

106.8070, 81.7910, 21.0150

Monochromacy



Original Color

104.0510, 92.2470, 7.7270

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.0610, 33.5610, 3.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.0510, 92.2470, 7.7270 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(197, 74, 15)` looks like.

```
.text, #text, p{  
    color:rgb(197, 74, 15)  
}
```

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(197, 74, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 74, 15) }
```

Border

The CSS property to change the border of an element to YIQ 104.0510, 92.2470, 7.7270 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(197, 74, 15) }
```


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

```
.border{ border-color:rgb(197, 74, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 74, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 74, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 74, 15);  
box-shadow:4px 4px 4px 4px rgb(197, 74,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 104.0510, 92.2470, 7.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 74, 15) }
```

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

```
.background{ background-color: rgb(197, 74,  
15) }
```

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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