

Converting Colors

YIQ(94.6170, 114.8010, 28.5050)

Have a look what the booklet for
YIQ(94.6170, 114.8010, 28.5050)
contains.

YIQ(94.6170, 114.8010, 28.5050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(94.6170, 114.8010,
28.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	DE2D10
RGB	222, 45, 16
RGB Percent	87%, 18%, 6%
CMY	0.1290, 0.8238, 0.9368
CMYK	0.00, 0.80, 0.93, 0.13
HSL	8°, 86%, 47%
HSV	8°, 93%, 87%
XYZ	31.1857, 17.4547, 2.2204
YIQ	94.6170, 114.8010, 28.5050

Conversions

Conversions Part 2

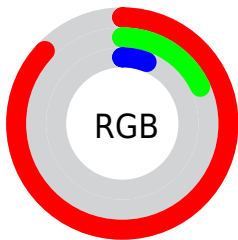
Format	Color
RYB	222, 50, 16
Decimal	14560528
CIELab	48.83, 65.43, 57.13
CIELCh	49, 86.861, 41.127
Yxy	17.4547, 0.6132, 0.3432
Android (android.graphics.Color)	4292750608 (0xFFDE2D10)
YUV	94.6170, -38.7582, 111.7149
Hunter-Lab	41.7788, 60.1279, 26.0941

Details

The YIQ color **94.6170, 114.8010, 28.5050** 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 **143.3830, -114.8010, -28.5050**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.6920, 101.0480, 18.9360**, and **46.9430, 93.5720, 33.2840** is the 20% darker color. If you saturate the color by 10%, you get **84.5750, 123.7870, 30.8510**, and if you desaturate by 10%, it is **108.2780, 102.5140, 25.4100**.

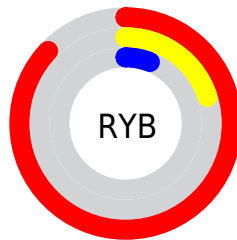
Distribution



Red (87%)

Green (18%)

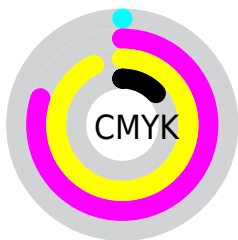
Blue (6%)



Red (87%)

Yellow (20%)

Blue (6%)

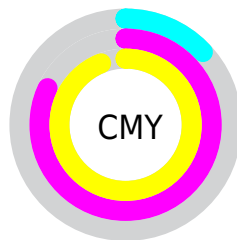


Cyan (0%)

Magenta (80%)

Yellow (93%)

Black (13%)



Cyan (13%)


Magenta (82%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.6170, 114.8010, 28.5050 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 94.6170, 114.8010, 28.5050 by changing the saturation by 10% instead.


 94.6170, 114.8010,
28.5050


 94.6170, 114.8010,
28.5050


255.0000, -0.0000,
-0.0000


 56.5110, 112.6440,
40.0680


 146.6920,
101.0480, 18.9360


 46.9430, 93.5720,
33.2840

 166.5650, 85.0480,
11.5440

 37.3750, 74.5000,
26.5000


 186.5520, 68.7270,
4.4630

 28.2200, 55.7030,
20.2390

 206.5390, 52.4060,
-2.6180

 19.7770, 37.7770,
14.7130

 226.6400, 35.7640,
-9.3880


 9.3830, 18.1550,
6.8830


 247.4420, 18.5260,


 0.0000, 0.0000,


-16.3700

0.0000


 251.8080, 8.9880,
-8.7080


 94.6170, 114.8010,
28.5050

 94.6170, 114.8010,
28.5050


 84.5750, 123.7870,
30.8510

 108.2780,
102.5140, 25.4100

 122.0530, 89.9060,
22.6260

 135.7140, 77.6190,
19.5310

 149.3750, 65.3320,
16.4360

 163.0360, 53.0450,
13.3410

■ 177.2840, 40.4830,
9.7230

■ 191.0590, 27.8750,
6.9390

■ 204.7200, 15.5880,
3.8440

■ 218.3810, 3.3010,
0.7490

Harmonies

Analogous

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



82.3620, 113.1870, 79.8030



94.6170, 114.8010, 28.5050



108.9870, 79.9630, -11.9490

Triad

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



94.6170, 114.8010, 28.5050



91.2370, -59.8690, -54.8850



97.7490, -114.0300, 18.1140

Complementary

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



94.6170, 114.8010, 28.5050



143.3830, -114.8010, -28.5050

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.



109.4890, -119.5300, 7.6540



94.6170, 114.8010, 28.5050



102.0040, -86.0530, -31.8850

Square

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



94.6170, 114.8010, 28.5050



79.8320, -37.4000, -71.1280



109.2830, -107.9270, -9.9030



116.4320, -7.6220, 61.0660

Rectangle

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



94.6170, 114.8010, 28.5050



108.4790, 51.4940, -30.1540



109.2830, -107.9270, -9.9030



103.0320, -116.5050, 13.4070

Sweetspot

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



94.6170, 114.8010, 28.5050



211.0990, 39.5660, 9.8220



98.0000, 65.3170, 99.3410



100.6780, 24.5740, 6.1900



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.



94.6170, 114.8010, 28.5050



97.3770, 142.0800, 35.2320



154.4910, 86.7510, -24.8410



105.4630, 6.0060, 1.2860



67.2990, 98.0210, 24.2370



18.4610, 26.6830, 6.5150

Inverse Universe

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



143.3830, -114.8010, -28.5050



157.6230, -142.0800, -35.2320



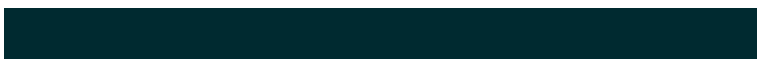
84.0960, -87.0260, 24.3180



108.1240, -6.2810, -1.8090



108.7010, -98.0210, -24.2370



30.1260, -26.9580, -7.0380

Previews

White Background



This preview shows how the YIQ color 94.6170, 114.8010, 28.5050 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 94.6170, 114.8010, 28.5050 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 94.6170, 114.8010, 28.5050

Background



This preview shows how black text looks on a background with the YIQ color 94.6170, 114.8010, 28.5050.



This preview shows how white text looks on a background with the YIQ color 94.6170, 114.8010,

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

94.6170, 114.8010, 28.5050

Protanopia

111.6100, 35.3080, -23.1560

Deuteranopia

109.1100, 57.0870, -26.8890



Tritanopia

96.4070, 107.0050, 37.6370

Trichromacy



Original Color

94.6170, 114.8010, 28.5050

Protanomaly

105.5310, 64.0520, -4.4280

Deuteranomaly

103.7790, 77.8530, -6.7470

Tritanomaly

95.9680, 109.6190, 34.3150

Monochromacy



Original Color

94.6170, 114.8010, 28.5050

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.8820, 41.6750, 10.1470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.6170, 114.8010, 28.5050 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(222, 45, 16)` looks like.

```
.text, #text, p{  
    color:rgb(222, 45, 16)  
}
```

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(222, 45, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 45, 16) }
```

Border

The CSS property to change the border of an element to YIQ 94.6170, 114.8010, 28.5050 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(222, 45, 16) }
```


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

```
.border{ border-color:rgb(222, 45, 16) }
```

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

Here you see how a box with a 4 pixel rgb(222, 45, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 45, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 45, 16);  
box-shadow:4px 4px 4px 4px rgb(222, 45,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 94.6170, 114.8010, 28.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 45, 16) }
```

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

```
.background{ background-color: rgb(222, 45,  
16) }
```

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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