

Converting Colors

YIQ(114.3840, 95.5030, 3.7830)

Have a look what the booklet for
YIQ(114.3840, 95.5030, 3.7830)
contains.

YIQ(114.3840, 95.5030, 3.7830)	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(114.3840, 95.5030,
3.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	D0560F
RGB	208, 86, 15
RGB Percent	82%, 34%, 6%
CMY	0.1841, 0.6629, 0.9407
CMYK	0.00, 0.59, 0.93, 0.18
HSL	22°, 86%, 44%
HSV	22°, 93%, 82%
XYZ	29.4408, 20.1012, 2.7843
YIQ	114.3840, 95.5030, 3.7830

Conversions

Conversions Part 2

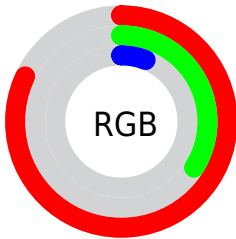
Format	Color
RYB	208, 127, 15
Decimal	13653519
CIELab	51.95, 45.41, 58.23
CIElCh	52, 73.847, 52.054
Yxy	20.1012, 0.5626, 0.3842
Android (android.graphics.Color)	4291843599 (0xFFD0560F)
YUV	114.3840, -48.9963, 82.1012
Hunter-Lab	44.8343, 38.7532, 27.7020

Details

The YIQ color **114.3840, 95.5030, 3.7830** 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 **108.6160, -95.5030, -3.7830**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8180, 91.2850, 3.1330**, and **62.4380, 78.2160, 14.2160** is the 20% darker color. If you saturate the color by 10%, you get **106.8040, 103.0680, 4.3480**, and if you desaturate by 10%, it is **124.4090, 85.1870, 3.5150**.

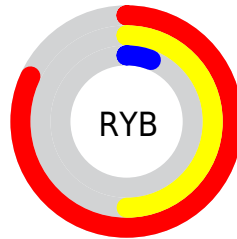
Distribution



Red (82%)

Green (34%)

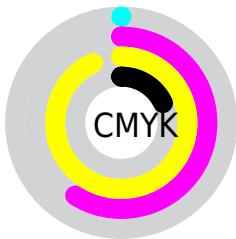
Blue (6%)



Red (82%)

Yellow (50%)

Blue (6%)

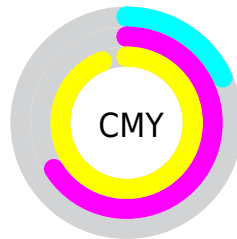


Cyan (0%)

Magenta (59%)

Yellow (93%)

Black (18%)



Cyan (18%)

Magenta (66%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.3840, 95.5030, 3.7830 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 114.3840, 95.5030, 3.7830 by changing the saturation by 10% instead.

■ 114.3840, 95.5030,
3.7830

■ 114.3840, 95.5030,
3.7830

■ 255.0000, -0.0000,
-0.0000

■ 88.1430, 88.9920,
6.1440

■ 165.8180, 91.2850,
3.1330

■ 62.4380, 78.2160,
14.2160

■ 184.5170, 75.8350,
-3.2130

■ 34.3850, 68.5400,
24.3800

■ 204.0310, 59.4680,
-9.4600

■ 25.4150, 50.6600,
18.0200

■ 224.0180, 43.1470,
-16.5410

■ 17.4560, 34.2470,
12.6070

■ 244.2330, 26.1840,
-23.0000

■ 6.8770, 13.7080,
4.8760

■ 249.1860, 16.3710,

■ 0.0000, 0.0000,

-15.8610

0.0000

252.3780, 7.3830,
-7.1530

114.3840, 95.5030,
3.7830

114.3840, 95.5030,
3.7830

106.8040,
103.0680, 4.3480

124.4090, 85.1870,
3.5150

134.4340, 74.8710,
3.2470

144.4590, 64.5550,
2.9790

154.9570, 54.2850,
1.8770

164.9820, 43.9690,
1.6090

■ 175.0070, 33.6530,
1.3410

■ 185.0320, 23.3370,
1.0730

■ 195.0570, 13.0210,
0.8050

■ 204.9680, 3.0260,
0.2260

Harmonies

Analogous

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



108.5390, 98.2460, 47.7020



114.3840, 95.5030, 3.7830



116.5410, 66.1190, -25.3770

Triad

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



114.3840, 95.5030, 3.7830



99.9060, -74.6340, -46.1060



117.3330, -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.



114.3840, 95.5030, 3.7830



108.6160, -95.5030, -3.7830

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.



108.9190, -117.9250, 6.0990



114.3840, 95.5030, 3.7830



108.0170, -96.0950, -26.1030

Square

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



114.3840, 95.5030, 3.7830



89.2190, -51.4310, -64.6390



112.2980, -112.2830, -8.0510



125.1070, 21.0340, 59.3540

Rectangle

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



114.3840, 95.5030, 3.7830



113.6960, 40.2170, -40.5430



112.2980, -112.2830, -8.0510



100.5870, -113.7540, 13.1100

Sweetspot

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



114.3840, 95.5030, 3.7830



220.4910, 35.1660, 1.4540



86.6150, 75.8660, 78.8580



106.5480, 21.8240, 0.9600



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.



114.3840, 95.5030, 3.7830



131.4230, 126.1300, 4.8980



170.7360, 69.1030, -46.4250



99.6370, 5.4560, 0.2400



86.6260, 83.0780, 3.1900



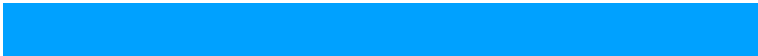
21.0640, 20.3110, 0.8470

Inverse Universe

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



108.6160, -95.5030, -3.7830



123.5770, -126.1300, -4.8980



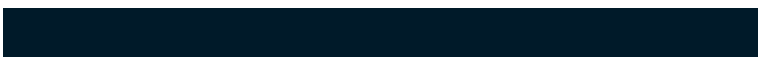
52.2640, -69.1030, 46.4250



99.3630, -5.4560, -0.2400



81.9610, -83.3530, -3.7130



19.9360, -20.3110, -0.8470

Previews

White Background



This preview shows how the YIQ color 114.3840, 95.5030, 3.7830 looks on a white 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

Black Background



This preview shows how the YIQ color 114.3840, 95.5030, 3.7830 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 114.3840, 95.5030, 3.7830

Background



This preview shows how black text looks on a background with the YIQ color 114.3840, 95.5030, 3.7830.



This preview shows how white text looks on a background with the YIQ color 114.3840, 95.5030,

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

114.3840, 95.5030, 3.7830

Protanopia

118.1990, 40.7190, -27.6090

Deuteranopia

116.2090, 61.1220, -28.4300



Tritanopia

119.4400, 75.8750, 29.1150

Trichromacy



Original Color

114.3840, 95.5030, 3.7830

Protanomaly

117.0000, 60.7530, -16.2310

Deuteranomaly

115.4160, 74.1410, -16.5710

Tritanomaly

117.4650, 82.7540, 20.0820

Monochromacy



Original Color

114.3840, 95.5030, 3.7830

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1920, 34.5700, 1.2420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.3840, 95.5030, 3.7830 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(208, 86, 15)` looks like.

```
.text, #text, p{  
    color:rgb(208, 86, 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(208, 86, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 86, 15) }
```

Border

The CSS property to change the border of an element to YIQ 114.3840, 95.5030, 3.7830 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(208, 86, 15) }
```


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

```
.border{ border-color:rgb(208, 86, 15) }
```

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

Here you see how a box with a 4 pixel rgb(208, 86, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 86, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 86, 15);  
box-shadow:4px 4px 4px 4px rgb(208, 86,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 114.3840, 95.5030, 3.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 86, 15) }
```

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

```
.background{ background-color: rgb(208, 86,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor