

Converting Colors

YIQ(115.5410, 94.7640, 33.7080)

Have a look what the booklet for
YIQ(115.5410, 94.7640, 33.7080)
contains.

YIQ(115.5410, 94.7640, 33.7080)	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(115.5410, 94.7640,
33.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	E34444
RGB	227, 68, 68
RGB Percent	89%, 27%, 27%
CMY	0.1094, 0.7336, 0.7330
CMYK	0.00, 0.70, 0.70, 0.11
HSL	360°, 74%, 58%
HSV	360°, 70%, 89%
XYZ	34.8184, 20.8913, 7.6815
YIQ	115.5410, 94.7640, 33.7080

Conversions

Conversions Part 2

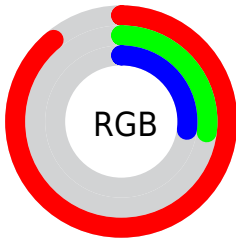
Format	Color
R_{YB}	227, 68, 68
Decimal	14894148
CIE Lab	52.83, 61.08, 36.03
CIE LCh	53, 70.915, 30.538
Yxy	20.8913, 0.5493, 0.3296
Android (android.graphics.Color)	4293084228 (0xFFE34444)
YUV	115.5410, -23.4377, 97.7495
Hunter-Lab	45.7070, 55.9895, 22.0306

Details

The YIQ color **115.5410, 94.7640, 33.7080** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **179.4590, -94.7640, -33.7080**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5450, 79.7730, 24.5490**, and **51.7720, 90.0400, 42.2320** is the 20% darker color. If you saturate the color by 10%, you get **99.4180, 108.4720, 38.5840**, and if you desaturate by 10%, it is **131.6640, 81.0560, 28.8320**.

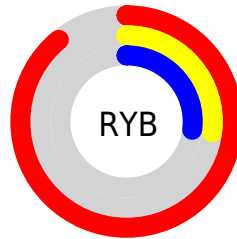
Distribution



Red (89%)

Green (27%)

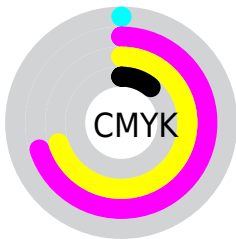
Blue (27%)



Red (89%)

Yellow (27%)

Blue (27%)

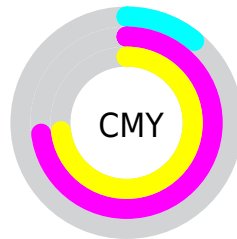


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (11%)



Cyan (11%)


Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.5410, 94.7640, 33.7080 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 115.5410, 94.7640, 33.7080 by changing the saturation by 10% instead.


 115.5410, 94.7640,
33.7080


 115.5410, 94.7640,
33.7080


255.0000, -0.0000,
-0.0000


 84.0940, 91.8290,
37.3410


 162.9580, 80.0480,
25.0720


 51.7720, 90.0400,
42.2320


 182.8310, 64.0480,
17.6800


 39.7670, 79.2680,
28.1960


 202.9320, 47.4060,
10.9100

 30.4980, 60.7920,
21.6240

 223.0330, 30.7640,
4.1400

 22.0550, 42.8660,
16.0980

 243.2480, 13.8010,
-2.3190

 12.9710, 25.3070,
9.4270

254.7720, 0.6420,

 0.0000, 0.0000,

-0.6220

0.0000

■ 115.5410, 94.7640,
33.7080

■ 115.5410, 94.7640,
33.7080

■ 99.4180, 108.4720,
38.5840

■ 131.6640, 81.0560,
28.8320

■ 83.9960, 121.5840,
43.2480

■ 147.0860, 67.9440,
24.1680

■ 67.8730, 135.2920,
48.1240

■ 163.2090, 54.2360,
19.2920

■ 179.3320, 40.5280,
14.4160

■ 194.8680, 27.0950,
10.0630

■ 210.8770, 13.7080,
4.8760

■ 227.0000, -0.0000,
-0.0000

■ 243.1230,
-13.7080, -4.8760

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



114.4730, 81.4170, 60.8490



115.5410, 94.7640, 33.7080



117.3150, 90.7830, -9.8010

Triad

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



115.5410, 94.7640, 33.7080



94.5310, -60.8770, -58.6450



107.0440, -116.7790, 7.3570

Complementary

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



115.5410, 94.7640, 33.7080



179.4590, -94.7640, -33.7080

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.



112.7370, -114.8970, -4.7290



115.5410, 94.7640, 33.7080



104.0610, -82.2000, -41.1440

Square

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



115.5410, 94.7640, 33.7080



109.0900, 15.1400, -54.1400



111.1290, -102.1020, -21.8620



126.6100, -32.3310, 40.7970

Rectangle

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



115.5410, 94.7640, 33.7080



118.9110, 67.9530, -25.5750



111.1290, -102.1020, -21.8620



109.7510, -117.5120, 4.1200

Sweetspot

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



115.5410, 94.7640, 33.7080



217.2600, 31.8630, 11.7590



132.7700, 41.9370, 82.5210



105.5680, 19.0720, 6.7840



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.



115.5410, 94.7640, 33.7080



104.9860, 127.5440, 45.3680



160.7400, 73.5890, -6.5630



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Inverse Universe

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



115.5410, 94.7640, 33.7080



104.9860, 127.5440, 45.3680



134.2600, -73.5890, 6.5630



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 115.5410, 94.7640, 33.7080 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 115.5410, 94.7640, 33.7080 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 115.5410, 94.7640, 33.7080

Background



This preview shows how black text looks on a background with the YIQ color 115.5410, 94.7640, 33.7080.



This preview shows how white text looks on a background with the YIQ color 115.5410, 94.7640,

33.7080.

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

115.5410, 94.7640, 33.7080

Protanopia

125.6580, 18.1580, -9.6980

Deuteranopia

124.3970, 40.7620, -11.8620



Tritanopia

115.8830, 93.8010, 34.6410

Trichromacy



Original Color

115.5410, 94.7640, 33.7080

Protanomaly

122.2860, 46.1690, 5.7930

Deuteranomaly

121.3600, 60.5200, 4.5200

Tritanomaly

115.7690, 94.1220, 34.3300

Monochromacy



Original Color

115.5410, 94.7640, 33.7080

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0430, 33.9720, 12.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5410, 94.7640, 33.7080 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(227, 68, 68)` looks like.

```
.text, #text, p{  
    color:rgb(227, 68, 68)  
}
```

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(227, 68, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 68, 68) }
```

Border

The CSS property to change the border of an element to YIQ 115.5410, 94.7640, 33.7080 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(227, 68, 68) }
```


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

```
.border{ border-color:rgb(227, 68, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 68, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 68, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 68, 68);  
box-shadow:4px 4px 4px 4px rgb(227, 68,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5410, 94.7640, 33.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 68, 68) }
```

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

```
.background{ background-color: rgb(227, 68,  
68) }
```

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