

Converting Colors

YIQ(154.6500, 91.6980, 1.1540)

Have a look what the booklet for
YIQ(154.6500, 91.6980, 1.1540)
contains.

YIQ(154.6500, 91.6980, 1.1540)	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(154.6500, 91.6980,
1.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	F38137
RGB	243, 129, 55
RGB Percent	95%, 51%, 22%
CMY	0.0468, 0.4943, 0.7839
CMYK	0.00, 0.47, 0.77, 0.05
HSL	24°, 89%, 58%
HSV	24°, 77%, 95%
XYZ	45.5181, 35.0296, 7.9903
YIQ	154.6500, 91.6980, 1.1540

Conversions

Conversions Part 2

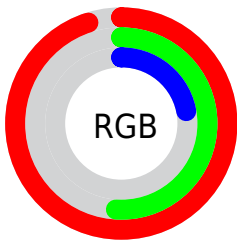
Format	Color
R_{YB}	243, 177, 55
Decimal	15958327
CIE _{Lab}	65.77, 38.72, 57.25
CIE _{LCh}	66, 69.118, 55.927
Yxy	35.0296, 0.5141, 0.3956
Android (android.graphics.Color)	4294148407 (0xFFFF38137)
YUV	154.6500, -49.1275, 77.4829
Hunter-Lab	59.1858, 33.7039, 33.4257

Details

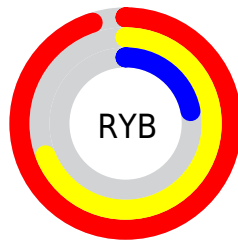
The YIQ color **154.6500, 91.6980, 1.1540** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **143.3500, -91.6980, -1.1540**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8640, 67.3080, -8.3720**, and **99.0190, 86.1050, -2.1110** is the 20% darker color. If you saturate the color by 10%, you get **143.1090, 103.5270, 1.5350**, and if you desaturate by 10%, it is **166.1910, 79.8690, 0.7730**.

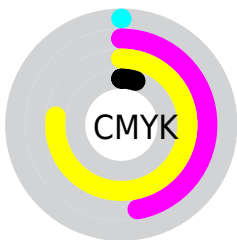
Distribution



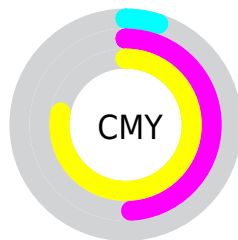
- Red (95%)
- Green (51%)
- Blue (22%)



- Red (95%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (77%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.6500, 91.6980, 1.1540 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 154.6500, 91.6980, 1.1540 by changing the saturation by 10% instead.

154.6500, 91.6980,
1.1540

154.6500, 91.6980,
1.1540

255.0000, -0.0000,
-0.0000

127.0410, 89.0390,
-0.2170

195.8640, 67.3080,
-8.3720

99.0190, 86.1050,
-2.1110

215.2640, 51.2620,
-14.9300

75.3740, 75.1000,
4.6040

235.3650, 34.6200,
-21.7000

51.1420, 64.3700,
11.8420

247.3620, 21.5070,
-20.8370

26.9100, 53.6400,
19.0800

250.5540, 12.5190,
-12.1290

18.5380, 36.9520,
13.1440

253.8600, 3.2100,

10.2800, 19.9430,

-3.1100

7.5190

■ 0.0000, 0.0000,
0.0000

■ 154.6500, 91.6980,
1.1540

■ 154.6500, 91.6980,
1.1540

■ 143.1090,
103.5270, 1.5350

■ 166.1910, 79.8690,
0.7730

■ 131.4540,
115.6770, 1.6050


■ 177.2590, 67.9940,
1.2260


■ 129.0090,
118.4280, 1.3080

■ 188.8000, 56.1650,
0.8450


■ 200.3410, 44.3360,
0.4640

■ 211.9960, 32.1860,
0.3940

 222.9500, 20.6320,
0.5360

 234.4910, 8.8030,
0.1550

 246.1460, -3.3470,
0.0850

 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



149.7190, 88.3910, 33.5670



154.6500, 91.6980, 1.1540



149.8710, 73.4570, -37.2230

Triad

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



154.6500, 91.6980, 1.1540



127.3420, -99.5290, -51.9850



158.1160, -37.0520, 32.7400

Complementary

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



154.6500, 91.6980, 1.1540



143.3500, -91.6980, -1.1540

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.



128.8600, -128.6050, -9.6050



154.6500, 91.6980, 1.1540



134.5240, -119.7520, -32.3920

Square

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



154.6500, 91.6980, 1.1540



129.7830, -52.8990, -60.0590



136.4910, -132.1800, -16.4040



163.6470, 28.1410, 57.2050

Rectangle

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



154.6500, 91.6980, 1.1540



146.9380, 44.9870, -49.9010



136.4910, -132.1800, -16.4040



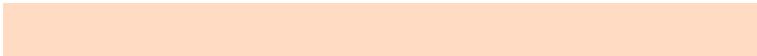
149.0580, -66.6680, 18.8040

Sweetspot

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



154.6500, 91.6980, 1.1540



227.1420, 28.8390, 0.4790



124.4360, 74.8120, 75.9320



110.9820, 17.6060, 0.3100



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.



154.6500, 91.6980, 1.1540



143.4540, 115.6770, 1.6050



208.6540, 66.3980, -46.9620



116.5230, 5.7770, -0.0710



98.4650, 90.7810, 1.2530



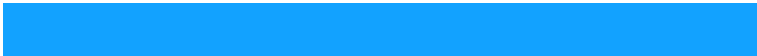
31.1420, 28.8390, 0.4790

Inverse Universe

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



143.3500, -91.6980, -1.1540



129.5460, -115.6770, -1.6050



89.3460, -66.3980, 46.9620



116.0640, -6.0520, -0.4520



87.5350, -90.7810, -1.2530



27.8580, -28.8390, -0.4790

Previews

White Background



This preview shows how the YIQ color 154.6500, 91.6980, 1.1540 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 154.6500, 91.6980, 1.1540 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.6500, 91.6980, 1.1540

Background



This preview shows how black text looks on a background with the YIQ color 154.6500, 91.6980, 1.1540.



This preview shows how white text looks on a background with the YIQ color 154.6500, 91.6980,

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

154.6500, 91.6980, 1.1540

Protanopia

154.7370, 42.1400, -25.8280

Deuteranopia

154.7950, 62.5880, -21.9560



Tritanopia

159.7000, 72.2070, 29.5110

Trichromacy



Original Color

154.6500, 91.6980, 1.1540

Protanomaly

154.8150, 59.8360, -16.1320

Deuteranomaly

154.9260, 72.7650, -13.6590

Tritanomaly

158.0840, 79.4530, 19.3330

Monochromacy



Original Color

154.6500, 91.6980, 1.1540

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1810, 33.1030, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.6500, 91.6980, 1.1540 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(243, 129, 55)` looks like.

```
.text, #text, p{  
    color:rgb(243, 129, 55)  
}
```

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(243, 129, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 129, 55) }
```

Border

The CSS property to change the border of an element to YIQ 154.6500, 91.6980, 1.1540 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(243, 129, 55) }
```


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

```
.border{ border-color:rgb(243, 129, 55) }
```

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

Here you see how a box with a 4 pixel rgb(243, 129, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 129, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 129, 55);  
box-shadow:4px 4px 4px 4px rgb(243, 129,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 154.6500, 91.6980, 1.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 129, 55) }
```

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

```
.background{ background-color: rgb(243,  
129, 55) }
```

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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