

Converting Colors

YIQ(128.5940, 95.2720, 13.4800)

Have a look what the booklet for
YIQ(128.5940, 95.2720, 13.4800)
contains.

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Color

**YIQ(128.5940, 95.2720,
13.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	E45E2E
RGB	228, 94, 46
RGB Percent	89%, 37%, 18%
CMY	0.1056, 0.6316, 0.8192
CMYK	0.00, 0.59, 0.80, 0.11
HSL	16°, 77%, 54%
HSV	16°, 80%, 89%
XYZ	36.5112, 24.6995, 5.4389
YIQ	128.5940, 95.2720, 13.4800

Conversions

Conversions Part 2

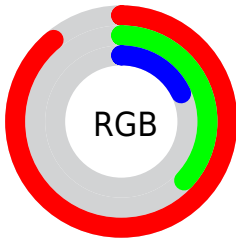
Format	Color
R_{YB}	228, 111, 46
Decimal	14966318
CIE _{Lab}	56.78, 49.75, 51.83
CIE _{LCh}	57, 71.845, 46.170
Yxy	24.6995, 0.5478, 0.3706
Android (android.graphics.Color)	4293156398 (0xFFE45E2E)
YUV	128.5940, -40.7188, 87.1791
Hunter-Lab	49.6986, 44.1630, 28.3005

Details

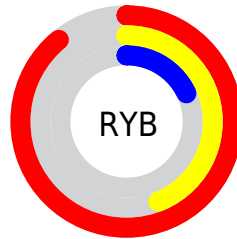
The YIQ color **128.5940, 95.2720, 13.4800** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **145.4060, -95.2720, -13.4800**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0650, 80.4640, 6.5120**, and **72.2280, 87.6150, 14.5830** is the 20% darker color. If you saturate the color by 10%, you get **115.9930, 107.3300, 15.2180**, and if you desaturate by 10%, it is **141.1950, 83.2140, 11.7420**.

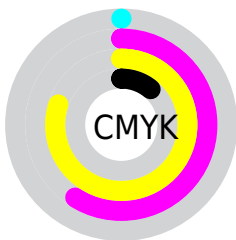
Distribution



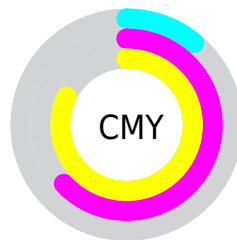
- Red (89%)
- Green (37%)
- Blue (18%)



- Red (89%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (80%)
- Black (11%)




- Cyan (11%)
- Magenta (63%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.5940, 95.2720, 13.4800 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 128.5940, 95.2720, 13.4800 by changing the saturation by 10% instead.


 128.5940, 95.2720,
13.4800


 128.5940, 95.2720,
13.4800


255.0000, -0.0000,
-0.0000


 100.3270, 91.6500,
13.0420


 174.0650, 80.4640,
6.5120


 72.2280, 87.6150,
14.5830


 193.3510, 64.7390,
-0.3570


 40.0660, 79.8640,
28.4080


 212.8650, 48.3720,
-6.6040

 31.0960, 61.9840,
22.0480

 232.9660, 31.7300,
-13.3740

 22.1260, 44.1040,
15.6880

 249.0720, 16.6920,
-16.1720

 14.2810, 27.3700,
10.5860

 252.2640, 7.7040,

 0.0000, 0.0000,

-7.4640

0.0000

■ 128.5940, 95.2720,
13.4800

■ 128.5940, 95.2720,
13.4800

■ 115.9930,
107.3300, 15.2180

■ 141.1950, 83.2140,
11.7420

■ 103.3920,
119.3880, 16.9560

■ 153.7960, 71.1560,
10.0040

■ 165.8100, 59.3730,
8.7890

■ 178.2970, 47.6360,
6.7400

■ 190.8980, 35.5780,
5.0020

■ 203.4990, 23.5200,
3.2640

■ 216.1000, 11.4620,
1.5260

■ 228.1140, -0.3210,
0.3110

■ 240.6010,
-12.0580, -1.7380

Harmonies

Analogous

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



124.8530, 94.4860, 49.7660



128.5940, 95.2720, 13.4800



128.4130, 78.2230, -24.4730

Triad

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



128.5940, 95.2720, 13.4800



106.9500, -77.9340, -52.3820



122.7000, -85.9710, 21.7170

Complementary

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



128.5940, 95.2720, 13.4800



145.4060, -95.2720, -13.4800

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.



118.2940, -123.6550, -0.1910



128.5940, 95.2720, 13.4800



115.5340, -99.3490, -33.2130

Square

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



128.5940, 95.2720, 13.4800



111.1530, -24.7020, -58.9580



120.8580, -117.0960, -14.4400



139.2300, 7.3260, 54.4780

Rectangle

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



128.5940, 95.2720, 13.4800



126.4540, 52.6420, -39.9500



120.8580, -117.0960, -14.4400



111.2500, -120.3550, 6.0850

Sweetspot

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



128.5940, 95.2720, 13.4800



221.6310, 31.9560, 4.5640



116.0360, 64.4950, 81.1910



107.3460, 19.5770, 3.1370



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.



128.5940, 95.2720, 13.4800



121.4100, 128.1450, 17.9450



180.8370, 70.7970, -33.0670



108.3490, 6.3270, 0.9750



81.1100, 93.7590, 13.3670



22.8800, 26.8210, 4.0130

Inverse Universe

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



145.4060, -95.2720, -13.4800



144.1770, -128.4200, -18.4680



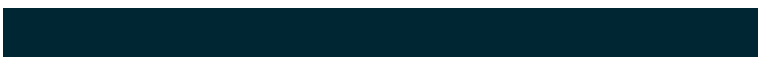
93.7500, -71.0720, 32.5440



109.6510, -6.3270, -0.9750



97.8900, -93.7590, -13.3670



28.1200, -26.8210, -4.0130

Previews

White Background



This preview shows how the YIQ color 128.5940, 95.2720, 13.4800 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 128.5940, 95.2720, 13.4800 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 128.5940, 95.2720, 13.4800

Background



This preview shows how black text looks on a background with the YIQ color 128.5940, 95.2720, 13.4800.



This preview shows how white text looks on a background with the YIQ color 128.5940, 95.2720,

13.4800.

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

128.5940, 95.2720, 13.4800

Protanopia

132.4790, 34.2990, -21.3890

Deuteranopia

131.7280, 55.5270, -20.6410



Tritanopia

131.7290, 82.4310, 31.4470

Trichromacy



Original Color

128.5940, 95.2720, 13.4800

Protanomaly

131.0030, 56.6710, -8.3290

Deuteranomaly

130.5330, 69.7380, -8.3580

Tritanomaly

130.6660, 86.7420, 24.9020

Monochromacy



Original Color

128.5940, 95.2720, 13.4800

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7130, 34.6610, 5.1010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5940, 95.2720, 13.4800 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(228, 94, 46)` looks like.

```
.text, #text, p{  
    color:rgb(228, 94, 46)  
}
```

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(228, 94, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 94, 46) }
```

Border

The CSS property to change the border of an element to YIQ 128.5940, 95.2720, 13.4800 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(228, 94, 46) }
```


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

```
.border{ border-color:rgb(228, 94, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 94, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 94, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 94, 46);  
box-shadow:4px 4px 4px 4px rgb(228, 94,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5940, 95.2720, 13.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 94, 46) }
```

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

```
.background{ background-color: rgb(228, 94,  
46) }
```

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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