

Converting Colors

YIQ(142.3940, 89.5430, 1.6630)

Have a look what the booklet for
YIQ(142.3940, 89.5430, 1.6630)
contains.

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Color

**YIQ(142.3940, 89.5430,
1.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	E5752E
RGB	229, 117, 46
RGB Percent	90%, 46%, 18%
CMY	0.1017, 0.5413, 0.8192
CMYK	0.00, 0.49, 0.80, 0.10
HSL	23°, 78%, 54%
HSV	23°, 80%, 90%
XYZ	39.1822, 29.5770, 6.2394
YIQ	142.3940, 89.5430, 1.6630

Conversions

Conversions Part 2

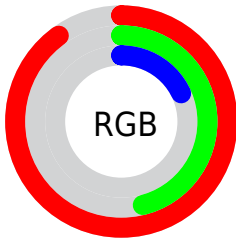
Format	Color
R _Y B	229, 162, 46
Decimal	15037742
CIE Lab	61.29, 38.99, 56.15
CIE LCh	61, 68.356, 55.225
Yxy	29.5770, 0.5224, 0.3944
Android (android.graphics.Color)	4293227822 (0xFFE5752E)
YUV	142.3940, -47.5222, 75.9535
Hunter-Lab	54.3847, 33.4294, 31.2671

Details

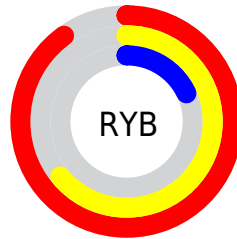
The YIQ color **142.3940, 89.5430, 1.6630** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **132.6060, -89.5430, -1.6630**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6800, 73.8180, -5.2060**, and **88.6750, 81.3820, 0.8860** is the 20% darker color. If you saturate the color by 10%, you get **131.5540, 100.7760, 1.8320**, and if you desaturate by 10%, it is **153.2340, 78.3100, 1.4940**.

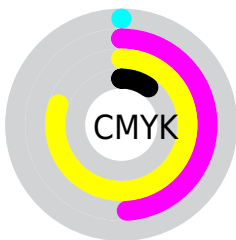
Distribution



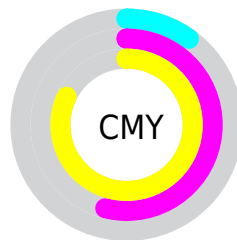
- Red (90%)
- Green (46%)
- Blue (18%)



- Red (90%)
- Yellow (64%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (80%)
- Black (10%)





- Cyan (10%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.3940, 89.5430, 1.6630 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 142.3940, 89.5430, 1.6630 by changing the saturation by 10% instead.


 142.3940, 89.5430,
1.6630


 142.3940, 89.5430,
1.6630

255.0000, -0.0000,
-0.0000

 114.6710, 87.2050,
-0.0190


 187.6800, 73.8180,
-5.2060


 88.6750, 81.3820,
0.8860


 206.4930, 58.0470,
-11.2410


 64.4430, 70.6520,
8.1240


 226.5940, 41.4050,
-18.0110

 38.7380, 59.8760,
16.1960

 246.2220, 24.7170,
-23.9470

 23.0230, 45.8920,
16.3240

 249.4140, 15.7290,
-15.2390

 15.6620, 30.6710,
11.3350

 252.6060, 6.7410,

 1.1960, 2.3840,

-6.5310

0.8480

■ 0.0000, 0.0000,
0.0000

■ 142.3940, 89.5430,
1.6630

■ 142.3940, 89.5430,
1.6630

■ 131.5540,
100.7760, 1.8320

■ 153.2340, 78.3100,
1.4940

■ 120.7140,
112.0090, 2.0010

■ 164.0740, 67.0770,
1.3250

■ 174.9140, 55.8440,
1.1560

■ 185.7540, 44.6110,
0.9870

■ 196.5940, 33.3780,
0.8180

■ 207.4340, 22.1450,
0.6490

■ 218.1600, 11.2330,
0.1690

■ 229.0000, -0.0000,
-0.0000

■ 239.8400,
-11.2330, -0.1690

Harmonies

Analogous

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



141.3500, 93.9840, 36.8320



142.3940, 89.5430, 1.6630



138.6690, 71.2100, -35.0460

Triad

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



142.3940, 89.5430, 1.6630



118.2290, -91.7810, -49.2290



146.8750, -43.5630, 35.1010

Complementary

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



142.3940, 89.5430, 1.6630



132.6060, -89.5430, -1.6630

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.



121.8160, -125.3050, -3.3290



142.3940, 89.5430, 1.6630



125.8840, -111.9580, -30.4700

Square

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



142.3940, 89.5430, 1.6630



116.8970, -53.2200, -59.7480



128.5350, -126.3120, -12.6160



151.3370, 26.0780, 56.0460

Rectangle

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



142.3940, 89.5430, 1.6630



135.2370, 45.5830, -49.6890



128.5350, -126.3120, -12.6160



136.6210, -75.5630, 20.3170

Sweetspot

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



142.3940, 89.5430, 1.6630



226.3270, 29.7560, 0.3800



113.5990, 72.7950, 73.9390



110.2810, 18.2020, 0.5220



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.



142.3940, 89.5430, 1.6630



139.0200, 119.8950, 2.2550



195.8110, 64.5180, -45.9300



109.5230, 5.7770, -0.0710



94.0240, 87.7090, 1.8610



26.9890, 24.8960, 0.3520

Inverse Universe

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



132.6060, -89.5430, -1.6630



125.9800, -119.8950, -2.2550



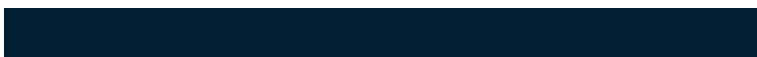
79.1890, -64.5180, 45.9300



108.4770, -5.7770, 0.0710



84.3890, -87.4340, -1.3380



24.0110, -24.8960, -0.3520

Previews

White Background



This preview shows how the YIQ color 142.3940, 89.5430, 1.6630 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 142.3940, 89.5430, 1.6630 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 142.3940, 89.5430, 1.6630

Background



This preview shows how black text looks on a background with the YIQ color 142.3940, 89.5430, 1.6630.



This preview shows how white text looks on a background with the YIQ color 142.3940, 89.5430,

1.6630.

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

142.3940, 89.5430, 1.6630

Protanopia

143.3670, 40.3060, -25.6300

Deuteranopia

142.8980, 60.8000, -22.5920



Tritanopia

147.2760, 70.4650, 28.0410

Trichromacy



Original Color

142.3940, 89.5430, 1.6630

Protanomaly

142.8580, 58.2770, -15.4110

Deuteranomaly

142.4420, 71.2520, -13.7720

Tritanomaly

145.7740, 77.3900, 18.1740

Monochromacy



Original Color

142.3940, 89.5430, 1.6630

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.2950, 32.7820, 0.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3940, 89.5430, 1.6630 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(229, 117, 46)` looks like.

```
.text, #text, p{  
    color:rgb(229, 117, 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(229, 117, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 117, 46) }
```

Border

The CSS property to change the border of an element to YIQ 142.3940, 89.5430, 1.6630 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(229, 117, 46) }
```


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

```
.border{ border-color:rgb(229, 117, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 117, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 117, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 117, 46);  
box-shadow:4px 4px 4px 4px rgb(229, 117,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3940, 89.5430, 1.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 117, 46) }
```

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

```
.background{ background-color: rgb(229,  
117, 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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