

Converting Colors

YIQ(146.1900, 81.6100, 7.7700)

Have a look what the booklet for
YIQ(146.1900, 81.6100, 7.7700)
contains.

YIQ(146.1900, 81.6100, 7.7700)	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(146.1900, 81.6100,
7.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	E57745
RGB	229, 119, 69
RGB Percent	90%, 47%, 27%
CMY	0.1017, 0.5335, 0.7290
CMYK	0.00, 0.48, 0.70, 0.10
HSL	19°, 76%, 58%
HSV	19°, 70%, 90%
XYZ	40.0002, 30.2811, 9.3819
YIQ	146.1900, 81.6100, 7.7700

Conversions

Conversions Part 2

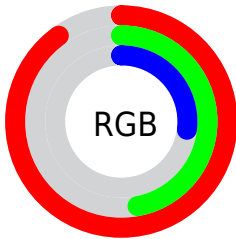
Format	Color
R _Y B	229, 142, 69
Decimal	15038277
CIE Lab	61.90, 38.94, 45.97
CIE LCh	62, 60.241, 49.734
Yxy	30.2811, 0.5021, 0.3801
Android (android.graphics.Color)	4293228357 (0xFFE57745)
YUV	146.1900, -38.0547, 72.6244
Hunter-Lab	55.0283, 33.4527, 28.4113

Details

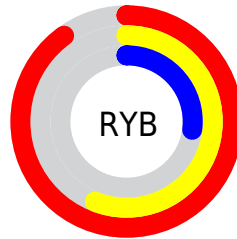
The YIQ color **146.1900, 81.6100, 7.7700** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **151.8100, -81.6100, -7.7700**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3620, 66.2060, 0.5900**, and **92.4280, 75.0080, 6.2720** is the 20% darker color. If you saturate the color by 10%, you get **134.1760, 93.3930, 8.9850**, and if you desaturate by 10%, it is **158.2040, 69.8270, 6.5550**.

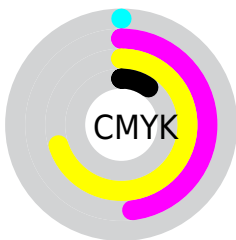
Distribution



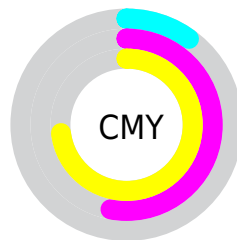
- Red (90%)
- Green (47%)
- Blue (27%)



- Red (90%)
- Yellow (56%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (70%)
- Black (10%)




- Cyan (10%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.1900, 81.6100, 7.7700 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 146.1900, 81.6100, 7.7700 by changing the saturation by 10% instead.


 146.1900, 81.6100,
7.7700

 146.1900, 81.6100,
7.7700


255.0000, -0.0000,
-0.0000


 118.9230, 77.9880,
7.3320


 191.3620, 66.2060,
0.5900

 92.5420, 74.6870,
6.5830


 210.8760, 49.8390,
-5.6570


 65.9160, 70.6980,
7.2900


 230.2760, 33.7930,
-12.2150

 40.5100, 60.5180,
15.5740

 248.7300, 17.6550,
-17.1050

 23.6210, 47.0840,
16.7480

 252.0360, 8.3460,
-8.0860

 15.9610, 31.2670,
11.5470

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 146.1900, 81.6100,
7.7700

■ 146.1900, 81.6100,
7.7700

■ 134.1760, 93.3930,
8.9850

■ 158.2040, 69.8270,
6.5550

■ 122.1620,
105.1760, 10.2000

■ 169.6310, 58.3190,
5.8630

■ 110.7350,
116.6840, 10.8920

■ 181.6450, 46.5360,
4.6480

■ 110.1480,
116.9590, 11.4150

■ 193.6590, 34.7530,
3.4330

■ 205.6730, 22.9700,
2.2180

■ 217.6870, 11.1870,
1.0030

■ 229.0000, -0.0000,
-0.0000

■ 241.0140,
-11.7830, -1.2150

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



146.1790, 81.2840, 35.7160



146.1900, 81.6100, 7.7700



143.8770, 65.2930, -21.4190

Triad

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



146.1900, 81.6100, 7.7700



116.8440, -89.2590, -50.8830



147.1250, -50.4390, 27.5530

Complementary

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



146.1900, 81.6100, 7.7700



151.8100, -81.6100, -7.7700

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.



123.5770, -126.1300, -4.8980



146.1900, 81.6100, 7.7700



123.7010, -107.1890, -34.3010

Square

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



146.1900, 81.6100, 7.7700



130.7160, -24.4290, -47.3810



126.5970, -120.8550, -17.9030



154.0100, 13.5170, 46.9010

Rectangle

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



146.1900, 81.6100, 7.7700



140.8970, 44.2050, -35.7230



126.5970, -120.8550, -17.9030



138.0500, -81.3850, 15.6950

Sweetspot

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



146.1900, 81.6100, 7.7700



227.1250, 27.5090, 2.5570



129.6080, 59.4080, 68.7520



111.4380, 16.3220, 1.5540



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.



146.1900, 81.6100, 7.7700



144.3150, 109.1190, 10.3270



191.9760, 60.1600, -33.0240



108.9360, 6.0520, 0.4520



86.3930, 91.2840, 8.6600



24.6410, 25.9960, 2.4440

Inverse Universe

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



151.8100, -81.6100, -7.7700



151.6850, -109.1190, -10.3270



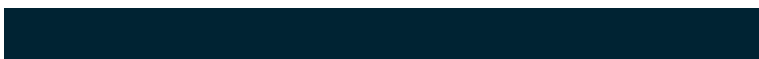
106.0240, -60.1600, 33.0240



109.0640, -6.0520, -0.4520



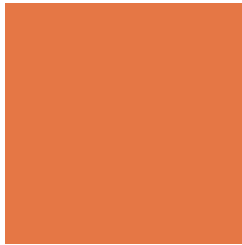
92.6070, -91.2840, -8.6600



26.3590, -25.9960, -2.4440

Previews

White Background



This preview shows how the YIQ color 146.1900, 81.6100, 7.7700 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 146.1900, 81.6100, 7.7700 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 146.1900, 81.6100, 7.7700

Background



This preview shows how black text looks on a background with the YIQ color 146.1900, 81.6100, 7.7700.



This preview shows how white text looks on a background with the YIQ color 146.1900, 81.6100,

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

146.1900, 81.6100, 7.7700

Protanopia

146.3910, 31.7310, -18.9010

Deuteranopia

146.7370, 51.3080, -15.7640



Tritanopia

149.4930, 68.3560, 27.7160

Trichromacy



Original Color

146.1900, 81.6100, 7.7700

Protanomaly

146.3550, 49.7480, -9.5160

Deuteranomaly

146.4660, 62.6770, -7.0430

Tritanomaly

148.2020, 73.3090, 20.5490

Monochromacy



Original Color

146.1900, 81.6100, 7.7700

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9080, 29.6180, 2.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1900, 81.6100, 7.7700 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, 119, 69)` looks like.

```
.text, #text, p{  
    color:rgb(229, 119, 69)  
}
```

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, 119, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 119, 69) }
```

Border

The CSS property to change the border of an element to YIQ 146.1900, 81.6100, 7.7700 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, 119, 69) }
```


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

```
.border{ border-color:rgb(229, 119, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 119, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 119, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 119, 69);  
box-shadow:4px 4px 4px 4px rgb(229, 119,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1900, 81.6100, 7.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 119, 69) }
```

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

```
.background{ background-color: rgb(229,  
119, 69) }
```

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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