

Converting Colors

YIQ(146.4480, 72.2560, 12.0960)

Have a look what the booklet for
YIQ(146.4480, 72.2560, 12.0960)
contains.

YIQ(146.4480, 72.2560, 12.0960)	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(146.4480, 72.2560,
12.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7757
RGB	223, 119, 87
RGB Percent	87%, 47%, 34%
CMY	0.1253, 0.5335, 0.6585
CMYK	0.00, 0.47, 0.61, 0.13
HSL	14°, 68%, 61%
HSV	14°, 61%, 87%
XYZ	38.7645, 29.5698, 12.6983
YIQ	146.4480, 72.2560, 12.0960

Conversions

Conversions Part 2

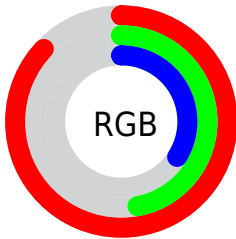
Format	Color
R_{YB}	223, 129, 87
Decimal	14645079
CIE _{Lab}	61.28, 37.69, 35.53
CIE _{LCh}	61, 51.794, 43.312
Yxy	29.5698, 0.4784, 0.3649
Android (android.graphics.Color)	4292835159 (0xFFDF7757)
YUV	146.4480, -29.3079, 67.1361
Hunter-Lab	54.3782, 32.0852, 24.2194

Details

The YIQ color **146.4480, 72.2560, 12.0960** 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 **163.5520, -72.2560, -12.0960**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4140, 60.4280, 6.1880**, and **93.2130, 65.6080, 11.4320** is the 20% darker color. If you saturate the color by 10%, you get **133.9610, 83.9930, 14.1450**, and if you desaturate by 10%, it is **158.9350, 60.5190, 10.0470**.

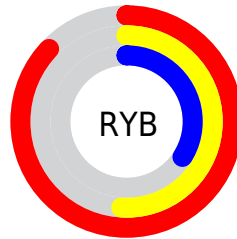
Distribution



Red (87%)

Green (47%)

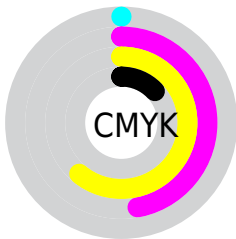
Blue (34%)



Red (87%)

Yellow (51%)

Blue (34%)

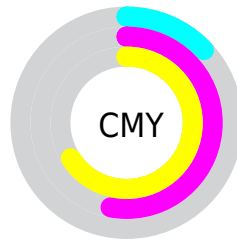


Cyan (0%)

Magenta (47%)

Yellow (61%)

Black (13%)



Cyan (13%)


Magenta (53%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.4480, 72.2560, 12.0960 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 146.4480, 72.2560, 12.0960 by changing the saturation by 10% instead.


 146.4480, 72.2560,
12.0960


 146.4480, 72.2560,
12.0960


255.0000, -0.0000,
-0.0000


 119.4800, 69.2300,
11.8700


 193.5280, 60.1070,
6.4990


 93.2130, 65.6080,
11.4320


 212.9280, 44.0610,
-0.0590


 67.0600, 61.6650,
11.3050


 232.4420, 27.6940,
-6.3060

 40.2000, 58.4550,
14.4150

 250.8960, 11.5560,
-11.1960

 22.7240, 45.2960,
16.1120

 254.2020, 2.2470,
-2.1770

 15.3630, 30.0750,
11.1230

 0.0000, 0.0000,

0.0000

■ 146.4480, 72.2560,
12.0960

■ 146.4480, 72.2560,
12.0960

■ 133.9610, 83.9930,
14.1450

■ 158.9350, 60.5190,
10.0470

■ 121.3600, 96.0510,
15.8830

■ 171.5360, 48.4610,
8.3090

■ 108.8730,
107.7880, 17.9320

■ 184.0230, 36.7240,
6.2600

■ 97.2010, 118.6080,
20.0800

■ 196.5100, 24.9870,
4.2110

■ 209.1110, 12.9290,
2.4730

■ 221.5980, 1.1920,
0.4240

■ 234.0850,
-10.5450, -1.6250

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



147.7690, 67.7590, 33.0310



146.4480, 72.2560, 12.0960



144.7490, 60.2020, -11.7500

Triad

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



146.4480, 72.2560, 12.0960



112.8830, -84.9950, -51.0670



143.8160, -54.2430, 19.3970

Complementary

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



146.4480, 72.2560, 12.0960



163.5520, -72.2560, -12.0960

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.



120.7100, -119.4350, -10.5950



146.4480, 72.2560, 12.0960



119.5290, -100.9530, -37.1850

Square

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



146.4480, 72.2560, 12.0960



135.3700, -8.4750, -39.1550



122.5560, -113.6100, -22.5540



151.9820, 1.5520, 37.9680

Rectangle

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



146.4480, 72.2560, 12.0960



142.6340, 43.9280, -25.1920



122.5560, -113.6100, -22.5540



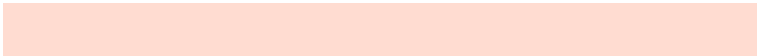
135.0190, -80.1000, 8.9240

Sweetspot

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



146.4480, 72.2560, 12.0960



229.2110, 24.3910, 3.9990



139.5200, 47.6720, 61.1760



111.7800, 15.3590, 2.4870



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.



146.4480, 72.2560, 12.0960



149.8550, 99.0310, 16.9430



186.3640, 53.5560, -23.4680



106.0500, 5.7310, 0.7630



76.6910, 93.6210, 15.8690



20.8090, 25.5830, 4.4230

Inverse Universe

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



163.5520, -72.2560, -12.0960



173.5580, -98.7560, -16.4200



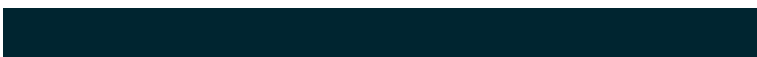
123.6360, -53.5560, 23.4680



107.5370, -6.0060, -1.2860



99.3090, -93.6210, -15.8690



27.1910, -25.5830, -4.4230

Previews

White Background



This preview shows how the YIQ color 146.4480, 72.2560, 12.0960 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 146.4480, 72.2560, 12.0960 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 146.4480, 72.2560, 12.0960

Background



This preview shows how black text looks on a background with the YIQ color 146.4480, 72.2560, 12.0960.



This preview shows how white text looks on a background with the YIQ color 146.4480, 72.2560,

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

146.4480, 72.2560, 12.0960

Protanopia

146.1870, 23.7980, -12.7940

Deuteranopia

146.9350, 42.1830, -10.0810



Tritanopia

148.1010, 63.5880, 26.0200

Trichromacy



Original Color

146.4480, 72.2560, 12.0960

Protanomaly

146.1510, 41.8150, -3.4090

Deuteranomaly

146.8380, 53.0020, -2.4060

Tritanomaly

147.4940, 66.6150, 20.7190

Monochromacy



Original Color

146.4480, 72.2560, 12.0960

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1080, 26.1790, 4.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4480, 72.2560, 12.0960 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(223, 119, 87)` looks like.

```
.text, #text, p{  
    color:rgb(223, 119, 87)  
}
```

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(223, 119, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 119, 87) }
```

Border

The CSS property to change the border of an element to YIQ 146.4480, 72.2560, 12.0960 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(223, 119, 87) }
```


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

```
.border{ border-color:rgb(223, 119, 87) }
```

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

Here you see how a box with a 4 pixel rgb(223, 119, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 119, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 119, 87);  
box-shadow:4px 4px 4px 4px rgb(223, 119,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4480, 72.2560, 12.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 119, 87) }
```

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

```
.background{ background-color: rgb(223,  
119, 87) }
```

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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