

Converting Colors

YIQ(146.9960, 67.7170, 11.7570)

Have a look what the booklet for
YIQ(146.9960, 67.7170, 11.7570)
contains.

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Color

**YIQ(146.9960, 67.7170,
11.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	DB795C
RGB	219, 121, 92
RGB Percent	86%, 47%, 36%
CMY	0.1410, 0.5256, 0.6389
CMYK	0.00, 0.45, 0.58, 0.14
HSL	14°, 64%, 61%
HSV	14°, 58%, 86%
XYZ	37.9973, 29.5073, 13.8350
YIQ	146.9960, 67.7170, 11.7570

Conversions

Conversions Part 2

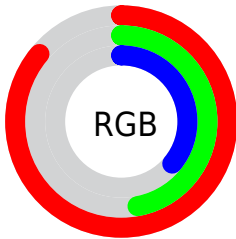
Format	Color
R_{YB}	219, 130, 92
Decimal	14383452
CIE Lab	61.23, 35.46, 32.60
CIE LCh	61, 48.170, 42.596
Yxy	29.5073, 0.4671, 0.3628
Android (android.graphics.Color)	4292573532 (0xFFDB795C)
YUV	146.9960, -27.1130, 63.1475
Hunter-Lab	54.3206, 29.7997, 22.9237

Details

The YIQ color **146.9960, 67.7170, 11.7570** 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 **164.0040, -67.7170, -11.7570**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2720, 57.9520, 7.0080**, and **93.7610, 61.0690, 11.0930** is the 20% darker color. If you saturate the color by 10%, you get **134.5090, 79.4540, 13.8060**, and if you desaturate by 10%, it is **159.4830, 55.9800, 9.7080**.

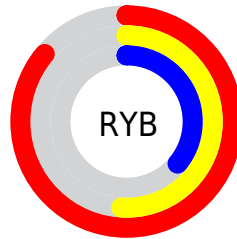
Distribution



Red (86%)

Green (47%)

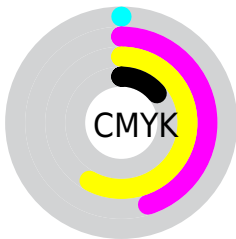
Blue (36%)



Red (86%)

Yellow (51%)

Blue (36%)

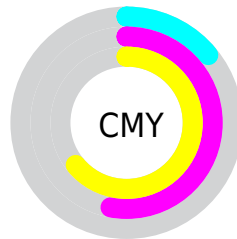


Cyan (0%)

Magenta (45%)

Yellow (58%)

Black (14%)



Cyan (14%)


Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.9960, 67.7170, 11.7570 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 146.9960, 67.7170, 11.7570 by changing the saturation by 10% instead.


 146.9960, 67.7170,
11.7570


 146.9960, 67.7170,
11.7570


255.0000, -0.0000,
-0.0000


 120.0280, 64.6910,
11.5310


 195.2720, 57.9520,
7.0080

 94.0600, 61.6650,
11.3050


 214.0850, 42.1810,
0.9730

 67.9070, 57.7220,
11.1780


 234.3000, 25.2180,
-5.4860

 41.6510, 55.5670,
11.6870

 251.5800, 9.6300,
-9.3300

 22.1260, 44.1040,
15.6880

254.8860, 0.3210,
-0.3110

 14.7650, 28.8830,
10.6990

 0.0000, 0.0000,

0.0000

■ 146.9960, 67.7170,
11.7570

■ 146.9960, 67.7170,
11.7570

■ 134.5090, 79.4540,
13.8060

■ 159.4830, 55.9800,
9.7080

■ 122.0220, 91.1910,
15.8550

■ 171.9700, 44.2430,
7.6590

■ 109.5350,
102.9280, 17.9040

■ 184.4570, 32.5060,
5.6100

■ 97.0480, 114.6650,
19.9530

■ 196.9440, 20.7690,
3.5610

■ 94.8310, 116.7740,
20.2780

■ 209.4310, 9.0320,
1.5120

■ 221.3310, -2.4300,
-0.0140

■ 233.7040,
-13.8460, -2.3740

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



148.2630, 63.3120, 31.0240



146.9960, 67.7170, 11.7570



145.5360, 56.4880, -10.5200

Triad

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



146.9960, 67.7170, 11.7570



121.3910, -65.6940, -42.9260



144.0290, -50.5290, 18.1670

Complementary

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



146.9960, 67.7170, 11.7570



164.0040, -67.7170, -11.7570

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.



119.4390, -117.2340, -11.9380



146.9960, 67.7170, 11.7570



118.0130, -99.4400, -37.0720

Square

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



146.9960, 67.7170, 11.7570



136.7340, -6.5040, -36.3280



121.2850, -111.4090, -23.8970



151.8030, 0.4980, 35.0420

Rectangle

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



146.9960, 67.7170, 11.7570



143.5460, 41.3600, -22.7040



121.2850, -111.4090, -23.8970



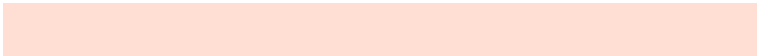
137.3250, -72.2140, 9.1780

Sweetspot

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



146.9960, 67.7170, 11.7570



230.7270, 22.8780, 3.8860



141.3730, 43.5920, 58.0240



113.2960, 13.8460, 2.3740



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.



146.9960, 67.7170, 11.7570



153.7020, 95.0880, 16.8160



183.3900, 50.6670, -20.6690



103.4630, 6.0060, 1.2860



74.6200, 92.3830, 16.2790



19.6240, 24.6660, 4.5220

Inverse Universe

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



164.0040, -67.7170, -11.7570



177.7110, -94.8130, -16.2930



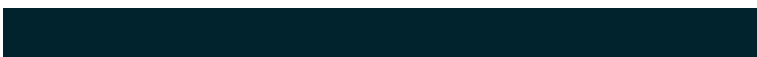
127.6100, -50.6670, 20.6690



104.9500, -5.7310, -0.7630



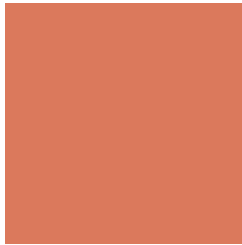
98.3800, -92.3830, -16.2790



25.7890, -24.3910, -3.9990

Previews

White Background



This preview shows how the YIQ color 146.9960, 67.7170, 11.7570 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 146.9960, 67.7170, 11.7570 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 146.9960, 67.7170, 11.7570

Background



This preview shows how black text looks on a background with the YIQ color 146.9960, 67.7170, 11.7570.



This preview shows how white text looks on a background with the YIQ color 146.9960, 67.7170,

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

146.9960, 67.7170, 11.7570

Protanopia

146.4580, 21.5970, -11.4510

Deuteranopia

147.2060, 39.9820, -8.7380



Tritanopia

149.0080, 59.4160, 24.5360

Trichromacy



Original Color

146.9960, 67.7170, 11.7570

Protanomaly

146.4110, 38.1470, -3.0130

Deuteranomaly

146.8100, 50.2050, -1.2750

Tritanomaly

147.9280, 62.3970, 20.0690

Monochromacy



Original Color

146.9960, 67.7170, 11.7570

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2110, 24.3910, 3.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9960, 67.7170, 11.7570 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(219, 121, 92)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 92)  
}
```

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(219, 121, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 92) }
```

Border

The CSS property to change the border of an element to YIQ 146.9960, 67.7170, 11.7570 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(219, 121, 92) }
```


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

```
.border{ border-color:rgb(219, 121, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 121, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 121, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 121, 92);  
box-shadow:4px 4px 4px 4px rgb(219, 121,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9960, 67.7170, 11.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 92) }
```

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

```
.background{ background-color: rgb(219,  
121, 92) }
```

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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