

Converting Colors

YIQ(147.3500, 66.4800, 6.6400)

Have a look what the booklet for
YIQ(147.3500, 66.4800, 6.6400)
contains.

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Color

**YIQ(147.3500, 66.4800,
6.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	D77D55
RGB	215, 125, 85
RGB Percent	84%, 49%, 33%
CMY	0.1567, 0.5099, 0.6664
CMYK	0.00, 0.42, 0.60, 0.16
HSL	18°, 62%, 59%
HSV	18°, 60%, 84%
XYZ	37.0100, 29.7691, 12.4054
YIQ	147.3500, 66.4800, 6.6400

Conversions

Conversions Part 2

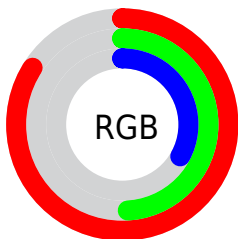
Format	Color
R_{YB}	215, 143, 85
Decimal	14122325
CIE _{Lab}	61.45, 31.26, 36.59
CIE _{LCh}	61, 48.121, 49.488
Yxy	29.7691, 0.4674, 0.3759
Android (android.graphics.Color)	4292312405 (0xFFD77D55)
YUV	147.3500, -30.7385, 59.3291
Hunter-Lab	54.5610, 25.5988, 24.7122

Details

The YIQ color **147.3500, 66.4800, 6.6400** 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 **152.6500, -66.4800, -6.6400**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8220, 59.0990, 2.7390**, and **95.0010, 60.1530, 5.6650** is the 20% darker color. If you saturate the color by 10%, you get **136.1510, 77.3460, 7.9540**, and if you desaturate by 10%, it is **158.6630, 55.2930, 5.6370**.

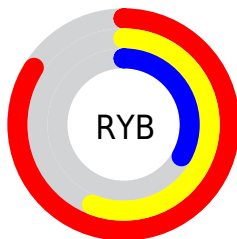
Distribution



Red (84%)

Green (49%)

Blue (33%)



Red (84%)

Yellow (56%)

Blue (33%)

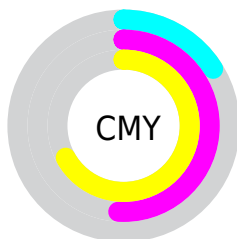


Cyan (0%)

Magenta (42%)

Yellow (60%)

Black (16%)



Cyan (16%)


Magenta (51%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.3500, 66.4800, 6.6400 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 147.3500, 66.4800, 6.6400 by changing the saturation by 10% instead.


 147.3500, 66.4800,
6.6400


 147.3500, 66.4800,
6.6400


255.0000, -0.0000,
-0.0000


 120.3820, 63.4540,
6.4140


 196.2350, 59.3740,
3.2620


 95.0010, 60.1530,
5.6650


 215.6350, 43.3280,
-3.2960


 69.0330, 57.1270,
5.4390


 235.7360, 26.6860,
-10.0660

 44.8630, 51.8540,
7.3900

 250.6680, 12.1980,
-11.8180

 21.5170, 41.4450,
14.3170

 253.9740, 2.8890,
-2.7990

 13.8680, 27.0950,
10.0630

 0.0000, 0.0000,

0.0000

■ 147.3500, 66.4800,
6.6400

■ 147.3500, 66.4800,
6.6400

■ 136.1510, 77.3460,
7.9540

■ 158.6630, 55.2930,
5.6370

■ 124.8380, 88.5330,
8.9570

■ 169.8620, 44.4270,
4.3230

■ 113.6390, 99.3990,
10.2710

■ 181.1750, 33.2400,
3.3200

■ 103.0270,
109.9900, 11.0620

■ 192.3740, 22.3740,
2.0060

■ 203.1000, 11.4620,
1.5260

■ 214.2990, 0.5960,
0.2120

■ 225.6120,
-10.5910, -0.7910

■ 236.5830,
-20.8150, -2.7270

■ 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



148.4110, 65.6510, 27.1790



147.3500, 66.4800, 6.6400



145.4490, 52.1790, -15.0290

Triad

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



147.3500, 66.4800, 6.6400



114.1370, -88.5260, -47.6460



147.7210, -37.7380, 23.1420

Complementary

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



147.3500, 66.4800, 6.6400



152.6500, -66.4800, -6.6400

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.



118.6070, -117.6470, -9.9590



147.3500, 66.4800, 6.6400



119.7400, -102.9250, -34.4850

Square

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



147.3500, 66.4800, 6.6400



135.3460, -17.0950, -37.1190



121.6100, -113.7020, -20.8860



152.8320, 10.7220, 36.9780

Rectangle

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



147.3500, 66.4800, 6.6400



142.7300, 34.8500, -25.8700



121.6100, -113.7020, -20.8860



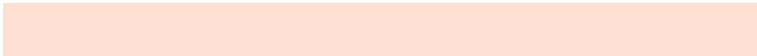
142.9250, -56.1680, 15.7360

Sweetspot

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



147.3500, 66.4800, 6.6400



230.9720, 23.5660, 2.4300



134.2440, 48.2690, 55.8610



112.9540, 14.8090, 1.4410



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.



147.3500, 66.4800, 6.6400



158.0730, 95.1810, 9.6210



184.9180, 48.8800, -26.8320



101.6370, 5.4560, 0.2400



81.6530, 87.6160, 9.0560



20.4880, 22.0530, 2.3170

Inverse Universe

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



152.6500, -66.4800, -6.6400



165.9270, -95.1810, -9.6210



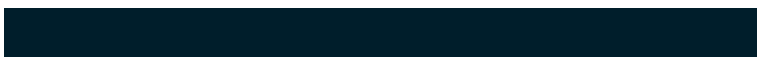
115.0820, -48.8800, 26.8320



101.9500, -5.7310, -0.7630



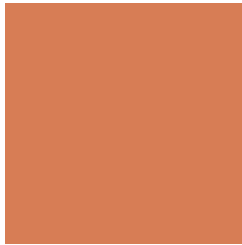
88.7600, -87.3410, -8.5330



22.5120, -22.0530, -2.3170

Previews

White Background



This preview shows how the YIQ color 147.3500, 66.4800, 6.6400 looks on a white background.

Color Contrast Check

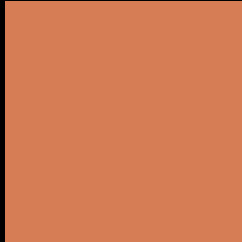
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.3500, 66.4800, 6.6400 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 147.3500, 66.4800, 6.6400

Background



This preview shows how black text looks on a background with the YIQ color 147.3500, 66.4800, 6.6400.



This preview shows how white text looks on a background with the YIQ color 147.3500, 66.4800,

6.6400.

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

147.3500, 66.4800, 6.6400

Protanopia

146.6170, 25.4030, -14.3490

Deuteranopia

147.1200, 43.1000, -10.1800



Tritanopia

149.6270, 56.1150, 23.7870

Trichromacy



Original Color

147.3500, 66.4800, 6.6400

Protanomaly

146.6730, 40.1650, -6.5470

Deuteranomaly

147.3000, 51.5810, -4.1870

Tritanomaly

148.6780, 60.1050, 17.5530

Monochromacy



Original Color

147.3500, 66.4800, 6.6400

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1570, 24.4830, 2.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3500, 66.4800, 6.6400 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(215, 125, 85)` looks like.

```
.text, #text, p{  
    color:rgb(215, 125, 85)  
}
```

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(215, 125, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 125, 85) }
```

Border

The CSS property to change the border of an element to YIQ 147.3500, 66.4800, 6.6400 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(215, 125, 85) }
```


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

```
.border{ border-color:rgb(215, 125, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 125, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 125, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 125, 85);  
box-shadow:4px 4px 4px 4px rgb(215, 125,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3500, 66.4800, 6.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 125, 85) }
```

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

```
.background{ background-color: rgb(215,  
125, 85) }
```

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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