

Converting Colors

YIQ(146.5650, 66.7120, -8.5840)

Have a look what the booklet for
YIQ(146.5650, 66.7120, -8.5840)
contains.

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Color

**YIQ(146.5650, 66.7120,
-8.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	CD863A
RGB	205, 134, 58
RGB Percent	80%, 53%, 23%
CMY	0.1960, 0.4746, 0.7722
CMYK	0.00, 0.35, 0.72, 0.20
HSL	31°, 60%, 52%
HSV	31°, 72%, 80%
XYZ	34.4722, 30.3318, 8.0517
YIQ	146.5650, 66.7120, -8.5840

Conversions

Conversions Part 2

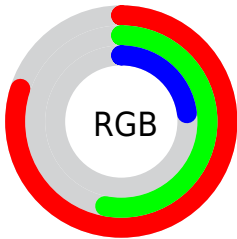
Format	Color
R _{YB}	195, 205, 58
Decimal	13469242
CIE Lab	61.94, 20.63, 50.43
CIE LCh	62, 54.486, 67.756
Yxy	30.3318, 0.4732, 0.4163
Android (android.graphics.Color)	4291659322 (0xFFCD863A)
YUV	146.5650, -43.6625, 51.2475
Hunter-Lab	55.0743, 15.3470, 29.8839

Details

The YIQ color **146.5650, 66.7120, -8.5840** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **116.4350, -66.7120, 8.5840**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4400, 65.5660, -9.8420**, and **93.0760, 63.5950, -12.6690** is the 20% darker color. If you saturate the color by 10%, you get **138.4150, 75.8820, -9.5740**, and if you desaturate by 10%, it is **154.8290, 57.2210, -7.2830**.

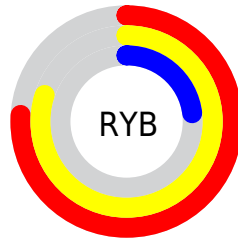
Distribution



Red (80%)

Green (53%)

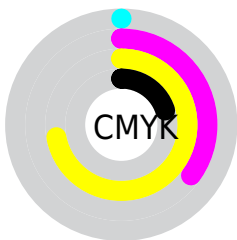
Blue (23%)



Red (76%)

Yellow (80%)

Blue (23%)

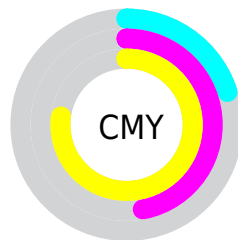


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.5650, 66.7120, -8.5840 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 146.5650, 66.7120, -8.5840 by changing the saturation by 10% instead.

■ 146.5650, 66.7120,
-8.5840

■ 146.5650, 66.7120,
-8.5840

■ 255.0000, -0.0000,
-0.0000

■ 119.9560, 64.0530,
-9.9550

■ 198.4400, 65.5660,
-9.8420

■ 93.0760, 63.5950,
-12.6690

■ 217.8400, 49.5200,
-16.4000

■ 70.7900, 52.9570,
-7.0990

■ 237.9410, 32.8780,
-23.1700

■ 48.9170, 42.5940,
-1.0060

■ 247.5900, 20.8650,
-20.2150

■ 28.5170, 32.2770,
4.2530

■ 250.7820, 11.8770,
-11.5070

■ 11.3620, 22.6480,
8.0560

■ 254.0880, 2.5680,

■ 0.0000, 0.0000,

-2.4880

0.0000

■ 146.5650, 66.7120,
-8.5840

■ 146.5650, 66.7120,
-8.5840

■ 138.4150, 75.8820,
-9.5740

■ 154.8290, 57.2210,
-7.2830

■ 130.1510, 85.3730,
-10.8750

■ 162.9790, 48.0510,
-6.2930

■ 123.5170, 93.0300,
-11.9780

■ 171.2430, 38.5600,
-4.9920

■ 179.3930, 29.3900,
-4.0020

■ 187.6570, 19.8990,
-2.7010

■ 195.2200, 11.0040,
-1.1880

■ 203.4840, 1.5130,
0.1130

■ 211.6340, -7.6570,
1.1030

■ 219.8980,
-17.1480, 2.4040

Harmonies

Analogous

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



148.0620, 76.5190, 17.4390



146.5650, 66.7120, -8.5840



143.0310, 41.1320, -29.5880

Triad

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



146.5650, 66.7120, -8.5840



119.9050, -99.2560, -40.4080



153.7790, -8.1220, 37.0780

Complementary

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



146.5650, 66.7120, -8.5840



116.4350, -66.7120, 8.5840

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.



139.8890, -73.6820, 13.7580



146.5650, 66.7120, -8.5840



124.6760, -114.0680, -25.2680

Square

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



146.5650, 66.7120, -8.5840



119.3100, -70.1400, -50.4600



123.5140, -121.8190, -11.4430



152.8310, 38.8260, 45.2740

Rectangle

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



146.5650, 66.7120, -8.5840



139.7010, 15.4580, -37.8700



123.5140, -121.8190, -11.4430



151.1510, -26.9650, 31.6510

Sweetspot

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



146.5650, 66.7120, -8.5840



232.7670, 25.4010, -3.2950



110.3890, 63.8580, 54.1780



114.1450, 15.5890, -1.6830



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.



146.5650, 66.7120, -8.5840



167.8120, 99.4490, -12.6710



188.2420, 47.1870, -45.7170



97.9250, 4.5850, -0.4950



100.1160, 75.2860, -9.7860



23.1020, 17.1480, -2.4040

Inverse Universe

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



116.4350, -66.7120, 8.5840



123.1880, -99.4490, 12.6710



74.7580, -47.1870, 45.7170



96.0750, -4.5850, 0.4950



65.8840, -75.2860, 9.7860



14.8980, -17.1480, 2.4040

Previews

White Background



This preview shows how the YIQ color 146.5650, 66.7120, -8.5840 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 146.5650, 66.7120, -8.5840 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 146.5650, 66.7120, -8.5840

Background



This preview shows how black text looks on a background with the YIQ color 146.5650, 66.7120, -8.5840.



This preview shows how white text looks on a background with the YIQ color 146.5650, 66.7120,

-8.5840.

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

146.5650, 66.7120, -8.5840

Protanopia

145.1650, 38.0590, -23.4530

Deuteranopia

146.2380, 54.1510, -17.7290



Tritanopia

152.1420, 47.1750, 20.6070

Trichromacy



Original Color

146.5650, 66.7120, -8.5840

Protanomaly

145.6010, 48.6950, -17.9690

Deuteranomaly

146.6840, 58.8270, -14.3650

Tritanomaly

150.1130, 54.1460, 9.9060

Monochromacy



Original Color

146.5650, 66.7120, -8.5840

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.6960, 24.1630, -2.8850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.5650, 66.7120, -8.5840 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(205, 134, 58)` looks like.

```
.text, #text, p{  
    color:rgb(205, 134, 58)  
}
```

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(205, 134, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 134, 58) }
```

Border

The CSS property to change the border of an element to YIQ 146.5650, 66.7120, -8.5840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

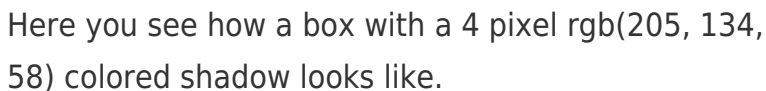
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 134, 58) }
```


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

```
.border{ border-color:rgb(205, 134, 58) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 134, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 134, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 134, 58);  
box-shadow:4px 4px 4px 4px rgb(205, 134,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 146.5650, 66.7120, -8.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 134, 58) }
```

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

```
.background{ background-color: rgb(205,  
134, 58) }
```

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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