

Converting Colors

YIQ(136.0340, 64.5540, 8.5060)

Have a look what the booklet for
YIQ(136.0340, 64.5540, 8.5060)
contains.

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Color

**YIQ(136.0340, 64.5540,
8.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	CB714F
RGB	203, 113, 79
RGB Percent	80%, 44%, 31%
CMY	0.2037, 0.5570, 0.6899
CMYK	0.00, 0.44, 0.61, 0.20
HSL	16°, 54%, 55%
HSV	16°, 61%, 80%
XYZ	31.9568, 25.0708, 10.5657
YIQ	136.0340, 64.5540, 8.5060

Conversions

Conversions Part 2

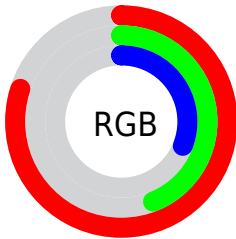
Format	Color
R_{YB}	203, 126, 79
Decimal	13332815
CIE _{Lab}	57.14, 32.40, 34.21
CIE _{LCh}	57, 47.115, 46.551
Yxy	25.0708, 0.4728, 0.3709
Android (android.graphics.Color)	4291522895 (0xFFCB714F)
YUV	136.0340, -28.1178, 58.7292
Hunter-Lab	50.0707, 26.3009, 22.5384

Details

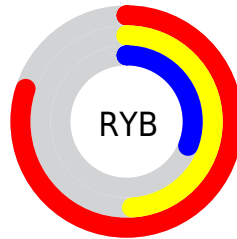
The YIQ color **136.0340, 64.5540, 8.5060** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **145.9660, -64.5540, -8.5060**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3930, 64.9210, 7.3610**, and **83.7990, 57.9060, 7.8420** is the 20% darker color. If you saturate the color by 10%, you get **124.9490, 75.0990, 10.1310**, and if you desaturate by 10%, it is **147.1190, 54.0090, 6.8810**.

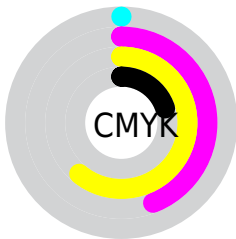
Distribution



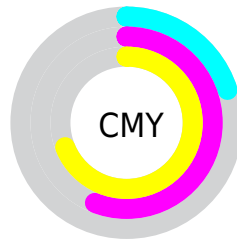
- Red (80%)
- Green (44%)
- Blue (31%)



- Red (80%)
- Yellow (49%)
- Blue (31%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.0340, 64.5540, 8.5060 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 136.0340, 64.5540, 8.5060 by changing the saturation by 10% instead.

136.0340, 64.5540,
8.5060

136.0340, 64.5540,
8.5060

255.0000, -0.0000,
-0.0000

109.7670, 60.9320,
8.0680

188.3930, 64.9210,
7.3610

83.7990, 57.9060,
7.8420

207.2060, 49.1500,
1.3260

58.8310, 54.8800,
7.6160

227.3070, 32.5080,
-5.4440

33.9430, 48.8730,
11.8570

246.9350, 15.8200,
-11.3800

17.9400, 35.7600,
12.7200

253.0620, 5.4570,
-5.2870

10.2800, 19.9430,
7.5190

0.0000, 0.0000,

0.0000

■ 136.0340, 64.5540,
8.5060

■ 136.0340, 64.5540,
8.5060

■ 124.9490, 75.0990,
10.1310

■ 147.1190, 54.0090,
6.8810

■ 113.7500, 85.9650,
11.4450

■ 157.7310, 43.4180,
6.0900

■ 103.2520, 96.2350,
12.5470

■ 168.8160, 32.8730,
4.4650

■ 93.5690, 105.5880,
13.7480

■ 179.9010, 22.3280,
2.8400

■ 191.1000, 11.4620,
1.5260

■ 201.5980, 1.1920,
0.4240

■ 212.6830, -9.3530,
-1.2010

■ 223.8820,
-20.2190, -2.5150

■ 234.1690,
-28.5170, -6.3170

Harmonies

Analogous

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



137.0840, 62.2580, 28.0980



136.0340, 64.5540, 8.5060



134.0300, 52.0410, -12.5270

Triad

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



136.0340, 64.5540, 8.5060



104.9100, -80.4570, -45.2010



135.5740, -41.8180, 19.9900

Complementary

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



136.0340, 64.5540, 8.5060



145.9660, -64.5540, -8.5060

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.



111.0270, -110.0820, -9.3940



136.0340, 64.5540, 8.5060



110.8720, -94.4890, -33.1850

Square

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



136.0340, 64.5540, 8.5060



125.0370, -11.7310, -35.2110



113.3290, -105.5410, -20.1090



141.3260, 6.2750, 34.9710

Rectangle

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



136.0340, 64.5540, 8.5060



132.2680, 36.2710, -24.0890



113.3290, -105.5410, -20.1090



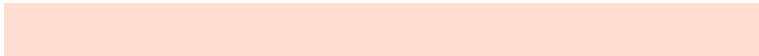
129.8810, -62.0360, 11.9480

Sweetspot

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



136.0340, 64.5540, 8.5060



230.3850, 23.8410, 2.9530



126.4500, 44.6930, 54.5890



112.3670, 15.0840, 1.9640



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.



136.0340, 64.5540, 8.5060



154.5510, 96.8310, 12.7590



171.8410, 47.7790, -23.3970



96.7510, 5.1350, 0.5510



76.0490, 86.5610, 11.6570



17.2320, 19.8980, 2.8260

Inverse Universe

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



145.9660, -64.5540, -8.5060



169.4490, -96.8310, -12.7590



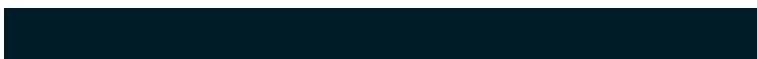
110.1590, -47.7790, 23.3970



97.2490, -5.1350, -0.5510



89.3640, -86.2860, -11.1340



20.7680, -19.8980, -2.8260

Previews

White Background



This preview shows how the YIQ color 136.0340, 64.5540, 8.5060 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 136.0340, 64.5540, 8.5060 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 136.0340, 64.5540, 8.5060

Background



This preview shows how black text looks on a background with the YIQ color 136.0340, 64.5540, 8.5060.



This preview shows how white text looks on a background with the YIQ color 136.0340, 64.5540,

8.5060.

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

136.0340, 64.5540, 8.5060

Protanopia

135.8880, 23.2020, -13.0060

Deuteranopia

135.6790, 40.0280, -9.5720



Tritanopia

137.9150, 55.2440, 23.0520

Trichromacy



Original Color

136.0340, 64.5540, 8.5060

Protanomaly

135.9440, 37.9640, -5.2040

Deuteranomaly

135.5710, 49.3800, -2.8440

Tritanomaly

137.3080, 58.2710, 17.7510

Monochromacy



Original Color

136.0340, 64.5540, 8.5060

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0860, 23.2450, 2.7410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0340, 64.5540, 8.5060 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(203, 113, 79)` looks like.

```
.text, #text, p{  
    color:rgb(203, 113, 79)  
}
```

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(203, 113, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 113, 79) }
```

Border

The CSS property to change the border of an element to YIQ 136.0340, 64.5540, 8.5060 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(203, 113, 79) }
```


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

```
.border{ border-color:rgb(203, 113, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 113, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 113, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 113, 79);  
box-shadow:4px 4px 4px 4px rgb(203, 113,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0340, 64.5540, 8.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 113, 79) }
```

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

```
.background{ background-color: rgb(203,  
113, 79) }
```

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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