

Converting Colors

YIQ(176.3040, 36.5900,
-13.3460)

Have a look what the booklet for
YIQ(176.3040, 36.5900, -13.3460)
contains.

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Color

**YIQ(176.3040, 36.5900,
-13.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAF71
RGB	203, 175, 113
RGB Percent	80%, 69%, 44%
CMY	0.2039, 0.3138, 0.5567
CMYK	0.00, 0.14, 0.44, 0.20
HSL	41°, 46%, 62%
HSV	41°, 44%, 80%
XYZ	42.9416, 44.5462, 21.9723
YIQ	176.3040, 36.5900, -13.3460

Conversions

Conversions Part 2

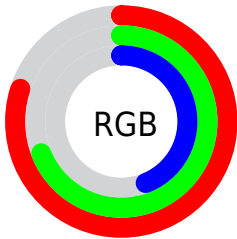
Format	Color
RYB	154, 203, 113
Decimal	13348721
CIELab	72.59, 1.80, 35.43
CIElCh	73, 35.481, 87.091
Yxy	44.5462, 0.3923, 0.4070
Android (android.graphics.Color)	4291538801 (0xFFCBAF71)
YUV	176.3040, -31.2089, 23.4124
Hunter-Lab	66.7429, -1.9553, 27.2013

Details

The YIQ color $176.3040, 36.5900, -13.3460$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $139.6960, -36.5900, 13.3460$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $230.1790, 35.4440, -14.6040$, and $123.4500, 33.2430, -13.2610$ is the 20% darker color. If you saturate the color by 10%, you get $170.5020, 44.6600, -16.4280$, and if you desaturate by 10%, it is $182.1060, 28.5200, -10.2640$.

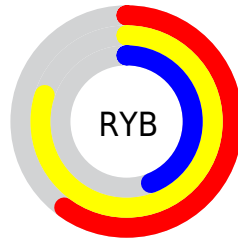
Distribution



Red (80%)

Green (69%)

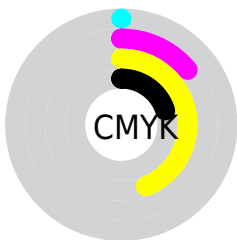
Blue (44%)



Red (60%)

Yellow (80%)

Blue (44%)

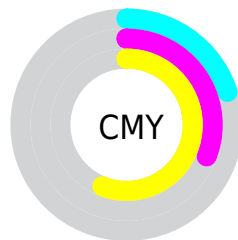


Cyan (0%)

Magenta (14%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3040, 36.5900, -13.3460 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 176.3040, 36.5900, -13.3460 by changing the saturation by 10% instead.

■ 176.3040, 36.5900,
-13.3460

■ 176.3040, 36.5900,
-13.3460

■ 255.0000, -0.0000,
-0.0000

■ 149.2330, 35.3520,
-12.9360

■ 230.1790, 35.4440,
-14.6040

■ 123.4500, 33.2430,
-13.2610

■ 247.9320, 19.9020,
-19.2820

■ 97.9660, 31.7300,
-13.3740

■ 251.1240, 10.9140,
-10.5740

■ 73.3680, 30.5380,
-13.7980

■ 254.4300, 1.6050,
-1.5550

■ 51.1550, 26.8240,
-12.5680

■ 31.3530, 17.6990,
-6.8850

■ 10.0780, 8.5280,

-0.3680

■ 0.0000, 0.0000,
0.0000

■ 176.3040, 36.5900,
-13.3460

■ 176.3040, 36.5900,
-13.3460

■ 170.5020, 44.6600,
-16.4280

■ 182.1060, 28.5200,
-10.2640

■ 163.9990, 53.3260,
-19.2980

■ 188.6090, 19.8540,
-7.3940

■ 158.1970, 61.3960,
-22.3800

■ 194.4110, 11.7840,
-4.3120

■ 152.3950, 69.4660,
-25.4620

■ 200.2130, 3.7140,
-1.2300

■ 146.0060, 77.8110,
-28.0210

■ 206.7160, -4.9520,
1.6400

■ 142.8770, 82.4880,
-30.1840

■ 212.5180,
-13.0220, 4.7220

■ 218.3200,
-21.0920, 7.8040

■ 222.4290,
-23.0170, 4.1430

■ 225.9510,
-24.6670, 1.0050

Harmonies

Analogous

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



178.6900, 50.6630, 1.4390



176.3040, 36.5900, -13.3460



172.9910, 12.2460, -23.7060

Triad

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



176.3040, 36.5900, -13.3460



156.1880, -83.3950, -24.9870



182.9000, 16.0420, 28.6660

Complementary

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



176.3040, 36.5900, -13.3460



139.6960, -36.5900, 13.3460

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.



180.5030, -16.6930, 21.6990



176.3040, 36.5900, -13.3460



161.8870, -80.5090, -11.2050

Square

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



176.3040, 36.5900, -13.3460



161.8090, -54.6470, -28.3670



172.6940, -51.4440, 7.2120



182.4220, 40.7550, 26.8270

Rectangle

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



176.3040, 36.5900, -13.3460



170.0470, -8.5230, -27.2670



172.6940, -51.4440, 7.2120



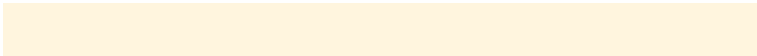
182.3980, 5.7720, 27.5640

Sweetspot

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



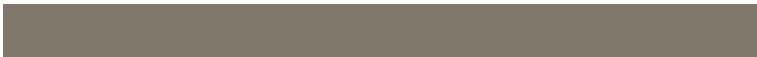
176.3040, 36.5900, -13.3460



245.3680, 13.3430, -5.0330



143.2160, 44.3310, 28.0990



121.4970, 8.6660, -2.8700



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.



176.3040, 36.5900, -13.3460



214.9560, 54.8850, -20.0190



187.9560, 19.3540, -31.3820



99.0990, 4.0350, -1.5410



116.5520, 67.5860, -24.4300



26.6240, 15.4980, -5.5420

Inverse Universe

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



139.6960, -36.5900, 13.3460



160.0440, -54.8850, 20.0190



128.3430, -18.7580, 31.5940



94.9010, -4.0350, 1.5410



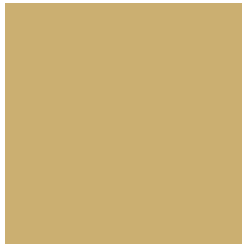
49.4480, -67.5860, 24.4300



11.3760, -15.4980, 5.5420

Previews

White Background



This preview shows how the YIQ color 176.3040, 36.5900, -13.3460 looks on a white background.

Color Contrast Check

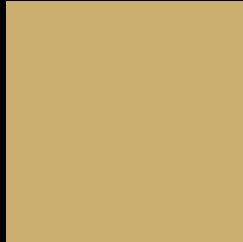
Large Text (above 18pt) WCAG AA × Fail

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 176.3040, 36.5900, -13.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

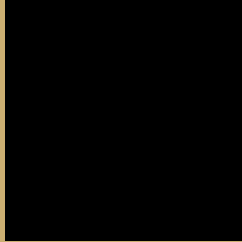
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 176.3040, 36.5900, -13.3460

Background



This preview shows how black text looks on a background with the YIQ color 176.3040, 36.5900, -13.3460.



This preview shows how white text looks on a background with the YIQ color 176.3040, 36.5900,

-13.3460.

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

176.3040, 36.5900, -13.3460

Protanopia

175.4880, 30.0800, -16.5120

Deuteranopia

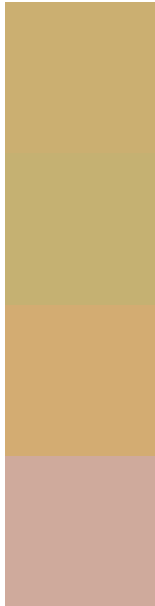
177.0710, 44.7960, -7.8760



Tritanopia

181.3390, 21.4550, 13.1590

Trichromacy



Original Color

176.3040, 36.5900, -13.3460

Protanomaly

175.7980, 32.1430, -15.3530

Deuteranomaly

177.0490, 41.8620, -9.7700

Tritanomaly

179.4670, 26.5460, 3.4900

Monochromacy



Original Color

176.3040, 36.5900, -13.3460

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.3680, 13.3430, -5.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3040, 36.5900, -13.3460 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, 175, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 175, 113)  
}
```

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, 175, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 175, 113) }
```

Border

The CSS property to change the border of an element to YIQ 176.3040, 36.5900, -13.3460 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, 175, 113) }
```


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

```
.border{ border-color:rgb(203, 175, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 175, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 175, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 175, 113);  
box-shadow:4px 4px 4px 4px rgb(203, 175,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3040, 36.5900, -13.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 175, 113) }
```

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

```
.background{ background-color: rgb(203,  
175, 113) }
```

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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