

Converting Colors

YUV(176.8480, -32.9561,
23.8123)

Have a look what the booklet for
YUV(176.8480, -32.9561, 23.8123)
contains.

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Color

**YUV(176.8480, -32.9561,
23.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB06E
RGB	204, 176, 110
RGB Percent	80%, 69%, 43%
CMY	0.2000, 0.3098, 0.5686
CMYK	0.00, 0.14, 0.46, 0.20
HSL	42°, 48%, 62%
HSV	42°, 46%, 80%
XYZ	43.2416, 45.0138, 21.1613
YIQ	176.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

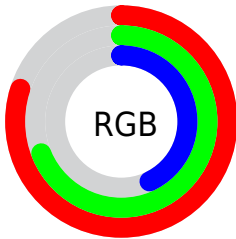
Format	Color
RYB	150, 204, 110
Decimal	13414510
CIELab	72.90, 1.36, 37.43
CIElCh	73, 37.454, 87.918
Yxy	45.0138, 0.3952, 0.4114
Android (android.graphics.Color)	4291604590 (0xFFCCB06E)
YUV	176.8480, -32.9561, 23.8123
Hunter-Lab	67.0923, -2.3667, 28.2642

Details

The YUV color **176.8480, -32.9561, 23.8123** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **137.1520, 32.9561, -23.8123**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4240, -33.2400, 21.5532**, and **123.9940, -31.0560, 21.0533** is the 20% darker color. If you saturate the color by 10%, you get **171.0460, -39.9557, 28.9007**, and if you desaturate by 10%, it is **182.6500, -25.9564, 18.7240**.

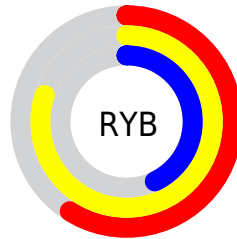
Distribution



Red (80%)

Green (69%)

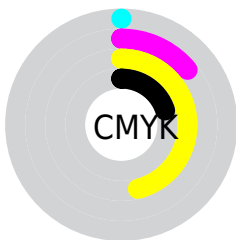
Blue (43%)



Red (59%)

Yellow (80%)

Blue (43%)

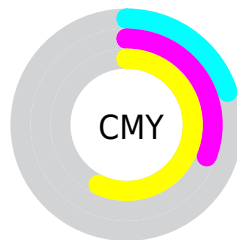


Cyan (0%)

Magenta (14%)

Yellow (46%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8480, -32.9561, 23.8123 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 YUV color 176.8480, -32.9561, 23.8123 by changing the saturation by 10% instead.

■ 176.8480,
-32.9561, 23.8123

■ 176.8480,
-32.9561, 23.8123

255.0000, 0.0000,
0.0000

■ 149.7770,
-31.9351, 22.9976

■ 230.4240,
-33.2400, 21.5532

■ 123.9940,
-31.0560, 21.0533

■ 247.5900,
-28.3919, 6.4986

■ 98.5100, -30.3244,
19.7237

■ 250.7820,
-16.1615, 3.6992

■ 73.4990, -30.3190,
17.9794

■ 254.0880, -3.4944,
0.7998

■ 51.7420, -25.5088,
15.1353

■ 31.9400, -15.7464,
10.5766

■ 10.6650, -5.2578,

6.4328

■ 0.0000, 0.0000,
0.0000

■ 176.8480,
-32.9561, 23.8123

■ 176.8480,
-32.9561, 23.8123

■ 171.0460,
-39.9557, 28.9007

■ 182.6500,
-25.9564, 18.7240

■ 165.1300,
-47.3921, 34.0890

■ 188.5660,
-18.5200, 13.5356

■ 159.3280,
-54.3917, 39.1773

■ 194.3680,
-11.5204, 8.4473

■ 153.4120,
-61.8281, 44.3657

■ 200.2840, -4.0840,
3.2589

■ 147.6100,
-68.8277, 49.4540

■ 206.0860, 2.9156,
-1.8294

■ 144.9370,
-71.4539, 51.7983

■ 211.8880, 9.9152,
-6.9178

■ 218.3910, 17.0622,
-12.6209

■ 222.1410, 16.1995,
-15.9097

■ 225.6630, 14.4631,
-18.9985

Harmonies

Analogous

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



179.2450, -28.2218, 45.3891



176.8480, -32.9561, 23.8123



173.6380, -27.9225, -4.0675

Triad

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



176.8480, -32.9561, 23.8123



153.3330, 27.9368, -94.1310



183.7370, 15.9057, 31.8027

Complementary

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



176.8480, -32.9561, 23.8123



137.1520, 32.9561, -23.8123

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.



181.4430, 28.3756, -1.2655



176.8480, -32.9561, 23.8123



160.2390, 37.3502, -80.0166

Square

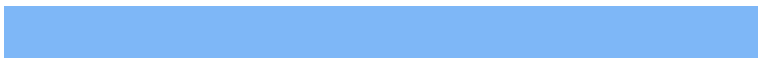
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.8480, -32.9561, 23.8123



160.7050, 7.0474, -67.2703



173.2530, 36.3573, -41.4409



183.0310, -0.0153, 51.7158

Rectangle

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



176.8480, -32.9561, 23.8123



170.2100, -18.8375, -24.7402



173.2530, 36.3573, -41.4409



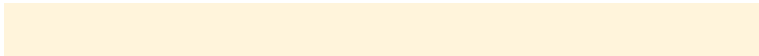
183.5230, 20.4482, 21.4663

Sweetspot

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



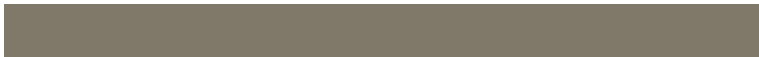
176.8480, -32.9561, 23.8123



244.4390, -12.5414, 9.2620



141.2980, -1.6259, 54.9897



121.3830, -7.5838, 5.8031



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.



176.8480, -32.9561, 23.8123



214.3860, -48.9973, 35.6185



187.6030, -38.2583, -2.2828



99.0990, -3.4998, 2.5442



117.7260, -58.0389, 42.3363



27.2110, -13.4150, 9.4620

Inverse Universe

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



137.1520, 32.9561, -23.8123



155.6140, 48.9973, -35.6185



126.3970, 38.2583, 2.2828



94.9010, 3.4998, -2.5442



47.6870, 58.3283, -41.8215



10.7890, 13.4150, -9.4620

Previews

White Background



This preview shows how the YUV color 176.8480, -32.9561, 23.8123 looks on a white background.

Color Contrast Check

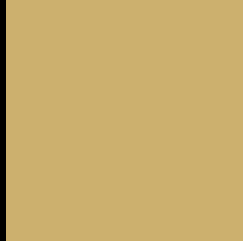
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 176.8480, -32.9561, 23.8123 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](#).

YUV 176.8480, -32.9561, 23.8123

Background



This preview shows how black text looks on a background with the YUV color 176.8480, -32.9561, 23.8123.

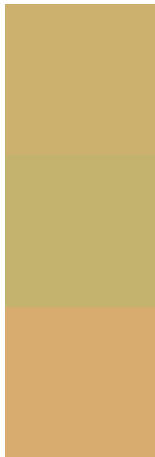


This preview shows how white text looks on a background with the YUV color 176.8480, -32.9561, 23.8123.

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

176.8480, -32.9561, 23.8123

Protanopia

176.0320, -32.0608, 16.6349

Deuteranopia

177.6150, -32.8412, 33.6636



Tritanopia

181.6380, -0.8075, 25.7505

Trichromacy



Original Color

176.8480, -32.9561, 23.8123

Protanomaly

176.3420, -32.2136, 18.9941

Deuteranomaly

177.5930, -32.8303, 30.1749

Tritanomaly

179.6520, -12.1534, 24.8612

Monochromacy



Original Color

176.8480, -32.9561, 23.8123

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2540, -11.9572, 8.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8480, -32.9561, 23.8123 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(204, 176, 110)` looks like.

```
.text, #text, p{  
    color:rgb(204, 176, 110)  
}
```

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(204, 176, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 176, 110) }
```

Border

The CSS property to change the border of an element to YUV 176.8480, -32.9561, 23.8123 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(204, 176, 110) }
```


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

```
.border{ border-color:rgb(204, 176, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 176, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 176, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 176, 110);  
box-shadow:4px 4px 4px 4px rgb(204, 176,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 176.8480, -32.9561, 23.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 176, 110) }
```

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

```
.background{ background-color: rgb(204,  
176, 110) }
```

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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