

Converting Colors

YUV(176.9250, -36.4450,
22.8678)

Have a look what the booklet for
YUV(176.9250, -36.4450, 22.8678)
contains.

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Color

**YUV(176.9250, -36.4450,
22.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB267
RGB	203, 178, 103
RGB Percent	80%, 70%, 40%
CMY	0.2039, 0.3020, 0.5961
CMYK	0.00, 0.12, 0.49, 0.20
HSL	45°, 49%, 60%
HSV	45°, 49%, 80%
XYZ	42.9972, 45.5166, 19.3513
YIQ	176.9250, 38.9750, -18.0250

Conversions

Conversions Part 2

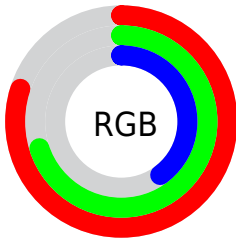
Format	Color
R _Y B	136, 203, 103
Decimal	13349479
CIE Lab	73.23, -0.79, 41.40
CIE LCh	73, 41.407, 91.089
Yxy	45.5166, 0.3986, 0.4220
Android (android.graphics.Color)	4291539559 (0xFFCBB267)
YUV	176.9250, -36.4450, 22.8678
Hunter-Lab	67.4660, -4.3044, 30.2200

Details

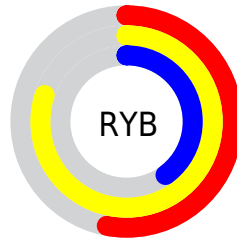
The YUV color **176.9250, -36.4450, 22.8678** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129.0750, 36.4450, -22.8678**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2730, -37.6026, 20.8086**, and **123.9570, -34.9818, 20.2087** is the 20% darker color. If you saturate the color by 10%, you get **171.7100, -43.7340, 27.4413**, and if you desaturate by 10%, it is **182.1400, -29.1560, 18.2942**.

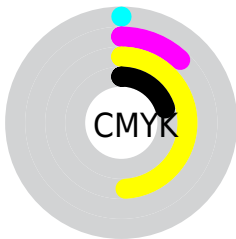
Distribution



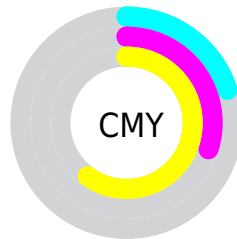
- Red (80%)
- Green (70%)
- Blue (40%)



- Red (53%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9250, -36.4450, 22.8678 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 176.9250, -36.4450, 22.8678 by changing the saturation by 10% instead.

■ 176.9250,
-36.4450, 22.8678

■ 176.9250,
-36.4450, 22.8678

255.0000, 0.0000,
0.0000

■ 149.8540,
-35.4240, 22.0530

■ 231.2730,
-37.6026, 20.8086

■ 123.9570,
-34.9818, 20.2087

■ 246.7920,
-31.4495, 7.1984

■ 98.4730, -34.2502,
18.8792

■ 249.9840,
-19.2191, 4.3990

■ 73.1200, -35.5552,
17.4348

■ 253.1760, -6.9888,
1.5996

■ 52.0300, -25.6508,
14.0057

■ 32.2280, -15.8884,
9.4470

■ 11.5290, -5.6838,

3.0441

■ 0.0000, 0.0000,
0.0000

■ 176.9250,
-36.4450, 22.8678

■ 176.9250,
-36.4450, 22.8678

■ 171.7100,
-43.7340, 27.4413

■ 182.1400,
-29.1560, 18.2942

■ 166.3810,
-51.4598, 32.1149

■ 187.4690,
-21.4302, 13.6207

■ 161.1660,
-58.7488, 36.6884

■ 192.6840,
-14.1412, 9.0471

■ 155.9510,
-66.0378, 41.2620

■ 197.8990, -6.8522,
4.4736

■ 150.7360,
-73.3268, 45.8355

■ 203.2280, 0.8736,
-0.2000

■ 149.9210,
-73.9111, 46.5503

■ 208.4430, 8.1626,
-4.7735

■ 214.2450, 15.1622,
-9.8619

■ 218.3200, 18.0832,
-13.4356

■ 221.2550, 16.6363,
-16.0096

Harmonies

Analogous

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



179.8170, -32.4478, 47.5185



176.9250, -36.4450, 22.8678



172.5620, -29.3641, -8.3859

Triad

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



176.9250, -36.4450, 22.8678



141.6650, 37.6332, -124.2402



184.7810, 15.8840, 38.7801

Complementary

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



176.9250, -36.4450, 22.8678



129.0750, 36.4450, -22.8678

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.



182.7470, 30.6907, 2.8529



176.9250, -36.4450, 22.8678



155.2740, 44.2349, -94.9563

Square

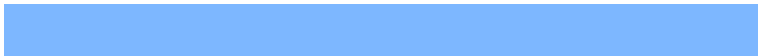
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.9250, -36.4450, 22.8678



155.8600, 11.9010, -84.0692



173.8660, 39.9991, -42.8555



183.6190, -1.7842, 59.0931

Rectangle

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



176.9250, -36.4450, 22.8678



169.4650, -18.9632, -31.1028



173.8660, 39.9991, -42.8555



184.4960, 21.4475, 27.6290

Sweetspot

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



176.9250, -36.4450, 22.8678



244.7980, -13.7044, 8.9472



135.7500, -3.8207, 58.9783



121.8560, -8.3100, 5.3883



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.



176.9250, -36.4450, 22.8678



215.5940, -54.5228, 34.5591



184.1250, -39.9946, -5.3716



99.0990, -3.4998, 2.5442



122.4220, -60.3540, 38.2179



28.3850, -13.9938, 8.4324

Inverse Universe

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



129.0750, 36.4450, -22.8678



143.8190, 54.8122, -34.0443



121.8750, 39.9946, 5.3716



94.3140, 3.7892, -2.0294



42.9910, 60.6434, -37.7031



10.2020, 13.7044, -8.9472

Previews

White Background



This preview shows how the YUV color 176.9250, -36.4450, 22.8678 looks on a white background.

Color Contrast Check

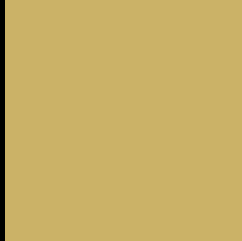
Large Text (above 18pt) WCAG AA × Fail

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 176.9250, -36.4450, 22.8678 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 176.9250, -36.4450, 22.8678

Background



This preview shows how black text looks on a background with the YUV color 176.9250, -36.4450, 22.8678.



This preview shows how white text looks on a background with the YUV color 176.9250, -36.4450,

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

176.9250, -36.4450, 22.8678

Protanopia

176.4190, -35.7026, 18.0495

Deuteranopia

178.3010, -36.6304, 35.6930



Tritanopia

183.0400, -0.5127, 24.5209

Trichromacy



Original Color

176.9250, -36.4450, 22.8678

Protanomaly

176.4300, -35.7080, 19.7939

Deuteranomaly

177.6810, -36.3247, 30.9748

Tritanomaly

180.5980, -13.6058, 24.0316

Monochromacy



Original Color

176.9250, -36.4450, 22.8678

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.6130, -13.1202, 8.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9250, -36.4450, 22.8678 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, 178, 103)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 103)  
}
```

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, 178, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 103) }
```

Border

The CSS property to change the border of an element to YUV 176.9250, -36.4450, 22.8678 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, 178, 103) }
```


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

```
.border{ border-color:rgb(203, 178, 103) }
```

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

Here you see how a box with a 4 pixel rgb(203, 178, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 178, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 178, 103);  
box-shadow:4px 4px 4px 4px rgb(203, 178,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 176.9250, -36.4450, 22.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 178, 103) }
```

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

```
.background{ background-color: rgb(203,  
178, 103) }
```

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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