

Converting Colors

YUV(176.7680, -38.3396,
23.8825)

Have a look what the booklet for
YUV(176.7680, -38.3396, 23.8825)
contains.

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Color

**YUV(176.7680, -38.3396,
23.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB263
RGB	204, 178, 99
RGB Percent	80%, 70%, 39%
CMY	0.2000, 0.3020, 0.6118
CMYK	0.00, 0.13, 0.51, 0.20
HSL	45°, 51%, 59%
HSV	45°, 51%, 80%
XYZ	43.0744, 45.5790, 18.3317
YIQ	176.7680, 40.8550, -19.0570

Conversions

Conversions Part 2

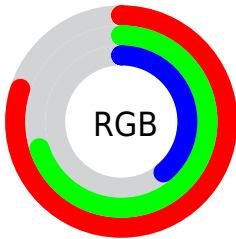
Format	Color
RYB	134, 204, 99
Decimal	13415011
CIELab	73.27, -0.73, 43.48
CIELCh	73, 43.486, 90.966
Yxy	45.5790, 0.4026, 0.4260
Android (android.graphics.Color)	4291605091 (0xFFCCB263)
YUV	176.7680, -38.3396, 23.8825
Hunter-Lab	67.5122, -4.2593, 31.1594

Details

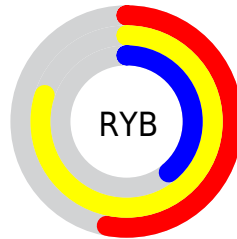
The YUV color $176.7680, -38.3396, 23.8825$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $126.2320, 38.3396, -23.8825$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.8170, -39.3498, 21.2085$, and $123.8000, -36.8764, 21.2234$ is the 20% darker color. If you saturate the color by 10%, you get $171.5530, -45.6286, 28.4560$, and if you desaturate by 10%, it is $181.9830, -31.0506, 19.3089$.

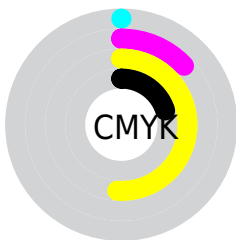
Distribution



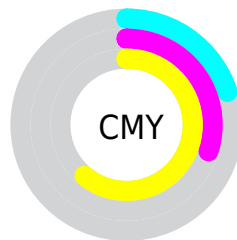
- Red (80%)
- Green (70%)
- Blue (39%)



- Red (53%)
- Yellow (80%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.7680, -38.3396, 23.8825 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 176.7680, -38.3396, 23.8825 by changing the saturation by 10% instead.

■ 176.7680,
-38.3396, 23.8825

■ 176.7680,
-38.3396, 23.8825

255.0000, 0.0000,
0.0000

■ 149.3980,
-37.1712, 22.4530

■ 230.8170,
-39.3498, 21.2085

■ 123.8000,
-36.8764, 21.2234

■ 246.3360,
-33.1966, 7.5983

■ 97.9030, -36.4342,
19.3791

■ 249.5280,
-20.9663, 4.7989

■ 73.3050, -36.1394,
18.1495

■ 252.7200, -8.7360,
1.9996

■ 52.0300, -25.6508,
14.0057

■ 32.8150, -16.1778,
8.9322

■ 11.8280, -5.8312,

3.6588

0.0000, 0.0000,
0.0000

176.7680,
-38.3396, 23.8825

176.7680,
-38.3396, 23.8825

171.5530,
-45.6286, 28.4560

181.9830,
-31.0506, 19.3089

166.2240,
-53.3544, 33.1296

187.3120,
-23.3248, 14.6354

161.0090,
-60.6434, 37.7031

192.5270,
-16.0358, 10.0618

155.6800,
-68.3692, 42.3766

197.8560, -8.3100,
5.3883

150.8070,
-74.3479, 46.6503

203.0710, -1.0210,
0.8147

■ 208.2860, 6.2680,
-3.7588

■ 213.6150, 13.9938,
-8.4324

■ 218.0320, 18.2252,
-12.3061

■ 220.9670, 16.7783,
-14.8801

Harmonies

Analogous

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



179.4860, -33.7636, 49.5628



176.7680, -38.3396, 23.8825



172.8070, -30.9639, -8.6007

Triad

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



176.7680, -38.3396, 23.8825



142.4800, 38.2174, -124.9550



185.0200, 16.7521, 40.3245

Complementary

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



176.7680, -38.3396, 23.8825



126.2320, 38.3396, -23.8825

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.



183.0890, 32.0011, 2.5529



176.7680, -38.3396, 23.8825



146.7490, 50.4097, -115.5439

Square

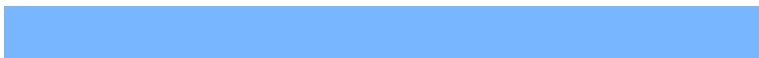
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.7680, -38.3396, 23.8825



152.5600, 13.5279, -92.5761



172.3710, 40.7361, -45.9294



183.3420, -1.6476, 61.9671

Rectangle

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



176.7680, -38.3396, 23.8825



168.2260, -19.8314, -32.6472



172.3710, 40.7361, -45.9294



184.8490, 22.7524, 29.0734

Sweetspot

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



176.7680, -38.3396, 23.8825



245.3850, -13.9938, 8.4324



133.3590, -4.1210, 61.9522



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.



176.7680, -38.3396, 23.8825



214.0950, -57.7278, 35.8737



184.2560, -42.0312, -5.4865



99.0990, -3.4998, 2.5442



123.0090, -60.6434, 37.7031



28.3850, -13.9938, 8.4324

Inverse Universe

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



126.2320, 38.3396, -23.8825



137.9050, 57.7278, -35.8737



118.7440, 42.0312, 5.4865



94.3140, 3.7892, -2.0294



42.9910, 60.6434, -37.7031



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 176.7680, -38.3396, 23.8825 looks on a white background.

Color Contrast Check

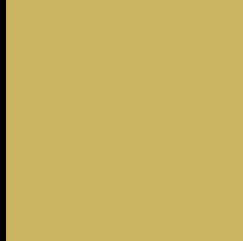
Large Text (above 18pt) WCAG AA × Fail

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 176.7680, -38.3396, 23.8825 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 176.7680, -38.3396, 23.8825

Background



This preview shows how black text looks on a background with the YUV color 176.7680, -38.3396, 23.8825.

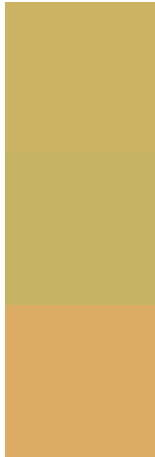


This preview shows how white text looks on a background with the YUV color 176.7680, -38.3396, 23.8825.

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

176.7680, -38.3396, 23.8825

Protanopia

176.2620, -37.5972, 19.0642

Deuteranopia

178.1440, -38.5250, 36.7077



Tritanopia

182.7520, -0.3707, 25.6505

Trichromacy



Original Color

176.7680, -38.3396, 23.8825

Protanomaly

176.2730, -37.6026, 20.8086

Deuteranomaly

177.5240, -38.2193, 31.9895

Tritanomaly

180.7830, -14.1900, 24.7463

Monochromacy



Original Color

176.7680, -38.3396, 23.8825

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7980, -13.7044, 8.9472

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7680, -38.3396, 23.8825 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, 178, 99)` looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 99)  
}
```

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, 178, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 99) }
```

Border

The CSS property to change the border of an element to YUV 176.7680, -38.3396, 23.8825 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, 178, 99) }
```


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

```
.border{ border-color:rgb(204, 178, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 99);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 176.7680, -38.3396, 23.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 99) }
```

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

```
.background{ background-color: rgb(204,  
178, 99) }
```

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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