

# Converting Colors

YUV(180.1760, -40.5128,  
20.8936)

Have a look what the booklet for  
YUV(180.1760, -40.5128, 20.8936)  
contains.

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# Color

**YUV(180.1760, -40.5128,  
20.8936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCB862
RGB	204, 184, 98
RGB Percent	80%, 72%, 38%
CMY	0.2000, 0.2784, 0.6157
CMYK	0.00, 0.10, 0.52, 0.20
HSL	49°, 51%, 59%
HSV	49°, 52%, 80%
XYZ	44.2469, 48.0002, 18.4882
YIQ	180.1760, 39.5260, -22.5060

# Conversions

## Conversions Part 2

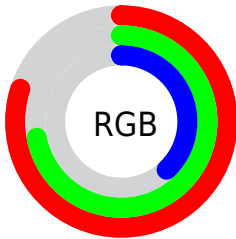
Format	Color
<a href="#">RYB</a>	<a href="#">123, 204, 98</a>
Decimal	<a href="#">13416546</a>
<a href="#">CIELab</a>	<a href="#">74.83, -3.98, 45.85</a>
<a href="#">CIElCh</a>	<a href="#">75, 46.018, 94.956</a>
<a href="#">Yxy</a>	<a href="#">48.0002, 0.3996, 0.4335</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291606626 (0xFFCCB862)</a>
<a href="#">YUV</a>	<a href="#">180.1760, -40.5128, 20.8936</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.2822, -7.2451, 32.6758</a>

# Details

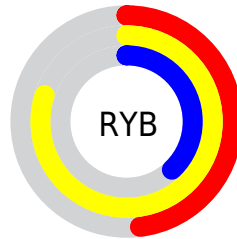
The YUV color  $180.1760, -40.5128, 20.8936$  is a light color, and the websafe version is hex  $CCCC66$ . A complement of this color would be  $121.8240, 40.5128, -20.8936$ , and the grayscale version is  $181.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $234.3390, -41.0861, 18.1197$ , and  $126.5070, -39.1970, 18.8494$  is the 20% darker color. If you saturate the color by 10%, you get  $175.5480, -48.0912, 24.9524$ , and if you desaturate by 10%, it is  $184.8040, -32.9344, 16.8349$ .

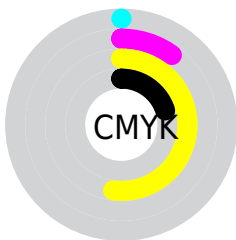
# Distribution



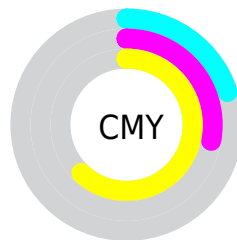
- Red (80%)
- Green (72%)
- Blue (38%)



- Red (48%)
- Yellow (80%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (52%)
- Black (20%)



- Cyan (20%)
- Magenta (28%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.1760, -40.5128, 20.8936 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 180.1760, -40.5128, 20.8936 by changing the saturation by 10% instead.



■ 180.1760,  
-40.5128, 20.8936

■ 180.1760,  
-40.5128, 20.8936

■ 255.0000, 0.0000,  
0.0000

■ 152.8060,  
-39.3444, 19.4641

■ 234.3390,  
-41.0861, 18.1197

■ 126.5070,  
-39.1970, 18.8494

■ 246.2220,  
-33.6334, 7.6983

■ 100.4960,  
-39.1915, 17.1050

■ 249.4140,  
-21.4031, 4.8989

■ 76.2400, -37.5863,  
15.5755

■ 252.7200, -8.7360,  
1.9996

■ 54.9650, -27.0977,  
11.4317

■ 35.1630, -17.3354,  
6.8730

■ 15.3500, -7.5675,

0.5701

■ 0.0000, 0.0000,  
0.0000

■ 180.1760,  
-40.5128, 20.8936

■ 180.1760,  
-40.5128, 20.8936

■ 175.5480,  
-48.0912, 24.9524

■ 184.8040,  
-32.9344, 16.8349

■ 170.8060,  
-56.1064, 29.1111

■ 189.5460,  
-24.9192, 12.6762

■ 166.1780,  
-63.6848, 33.1699

■ 194.1740,  
-17.3408, 8.6174

■ 162.0230,  
-71.9893, 36.8138

■ 198.3290, -9.0362,  
4.9735

■ 158.4380,  
-78.1099, 39.9579

■ 202.9570, -1.4578,  
0.9147

■ 207.5850, 6.1206,  
-3.1440

■ 212.3270, 14.1358,  
-7.3028

■ 216.2710, 19.0934,  
-10.7617

■ 218.6190, 17.9358,  
-12.8209

# Harmonies

## Analogous

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



183.2750, -37.1106, 49.7478



180.1760, -40.5128, 20.8936



175.4750, -30.8002, -14.4486

# Triad

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



180.1760, -40.5128, 20.8936



146.6690, 41.5752, -128.6287



189.4230, 15.5675, 46.9870

# Complementary

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



180.1760, -40.5128, 20.8936



121.8240, 40.5128, -20.8936

# 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.



187.9480, 32.5636, 8.8156



180.1760, -40.5128, 20.8936



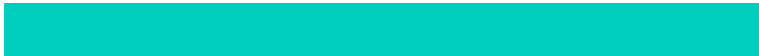
146.7910, 53.3470, -124.3507

# Square

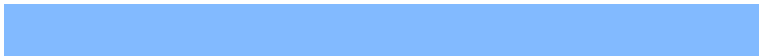
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180.1760, -40.5128, 20.8936



142.5820, 23.3771, -125.0444



177.1220, 38.3939, -41.3260



184.7010, -2.8106, 61.6522



# Rectangle

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



180.1760, -40.5128, 20.8936



170.6380, -18.0625, -40.0245



177.1220, 38.3939, -41.3260



189.2520, 21.5678, 35.7360

# Sweetspot

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



180.1760, -40.5128, 20.8936



245.6300, -15.5936, 8.2175



132.0880, -6.4524, 63.0668



122.2150, -9.4730, 5.0734



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.



180.1760, -40.5128, 20.8936



219.3780, -60.3324, 31.2405



182.3480, -41.5836, -9.0752



99.6860, -3.7892, 2.0294



128.2920, -63.2480, 33.0699



29.5590, -14.5726, 7.4028



# Inverse Universe

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



121.8240, 40.5128, -20.8936



132.6220, 60.3324, -31.2405



119.6520, 41.5836, 9.0752



94.3140, 3.7892, -2.0294



37.1210, 63.5373, -32.5551

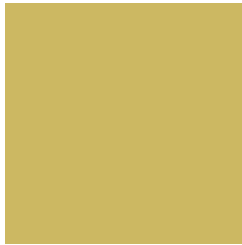


8.4410, 14.5726, -7.4028



# Previews

## White Background



This preview shows how the YUV color 180.1760, -40.5128, 20.8936 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

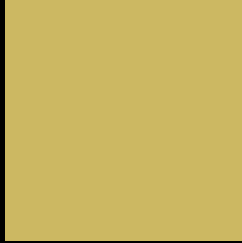
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.1760, -40.5128, 20.8936 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

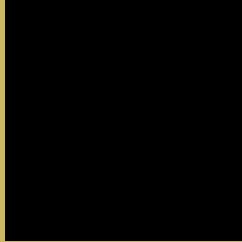
Any Text WCAG AA ✓ Pass

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 180.1760, -40.5128, 20.8936 Background



This preview shows how black text looks on a background with the YUV color 180.1760, -40.5128, 20.8936.



This preview shows how white text looks on a background with the YUV color 180.1760, -40.5128,



# 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

180.1760, -40.5128, 20.8936

### Protanopia

179.8770, -40.3654, 20.2789

### Deuteranopia

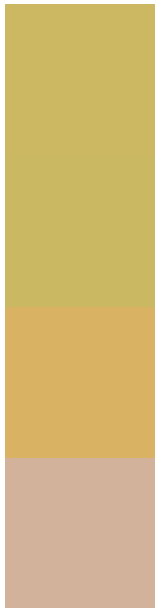
181.9870, -40.4196, 37.7224



## Tritanopia

187.1430, -0.0705, 22.6766

# Trichromacy



## Original Color

180.1760, -40.5128, 20.8936

## Protanomaly

179.8770, -40.3654, 20.2789

## Deuteranomaly

181.2420, -40.5453, 31.3598

## Tritanomaly

184.9460, -14.7634, 21.9724

# Monochromacy



## Original Color

180.1760, -40.5128, 20.8936

## Achromatopsia

180.0000, 0.0000, 0.0000

## Achromatomaly

179.8580, -14.7200, 8.0175

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.1760, -40.5128, 20.8936 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, 184, 98)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 98)  
}
```

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, 184, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 98) }
```

## Border

The CSS property to change the border of an element to YUV 180.1760, -40.5128, 20.8936 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, 184, 98) }
```



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

```
.border{ border-color:rgb(204, 184, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 98);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 180.1760, -40.5128, 20.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 98) }
```

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

```
.background{ background-color: rgb(204,  
184, 98) }
```

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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