

Converting Colors

YUV(179.6180, -30.8707,
8.2280)

Have a look what the booklet for
YUV(179.6180, -30.8707, 8.2280)
contains.

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Color

**YUV(179.6180, -30.8707,
8.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBB75
RGB	189, 187, 117
RGB Percent	74%, 73%, 46%
CMY	0.2588, 0.2667, 0.5412
CMYK	0.00, 0.01, 0.38, 0.26
HSL	58°, 35%, 60%
HSV	58°, 38%, 74%
XYZ	41.9675, 47.6438, 23.8139
YIQ	179.6180, 23.6620, -21.3460

Conversions

Conversions Part 2

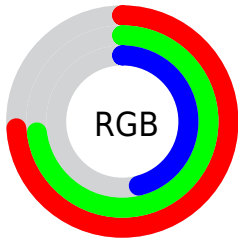
Format	Color
RYB	119, 189, 117
Decimal	12434293
CIELab	74.60, -9.78, 35.71
CIELCh	75, 37.021, 105.312
Yxy	47.6438, 0.3700, 0.4200
Android (android.graphics.Color)	4290624373 (0xFFBDBB75)
YUV	179.6180, -30.8707, 8.2280
Hunter-Lab	69.0245, -12.2634, 27.8617

Details

The YUV color $179.6180, -30.8707, 8.2280$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $126.3820, 30.8707, -8.2280$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.5750, -32.3285, 9.1427$, and $126.3620, -29.2655, 6.6985$ is the 20% darker color. If you saturate the color by 10%, you get $176.8650, -38.8804, 10.6424$, and if you desaturate by 10%, it is $182.3710, -22.8609, 5.8136$.

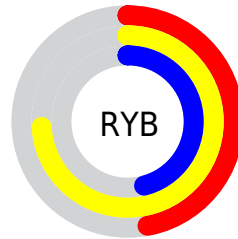
Distribution



Red (74%)

Green (73%)

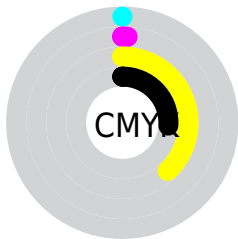
Blue (46%)



Red (47%)

Yellow (74%)

Blue (46%)

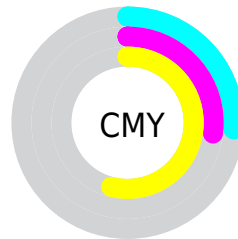


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.6180, -30.8707, 8.2280 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 179.6180, -30.8707, 8.2280 by changing the saturation by 10% instead.

■ 179.6180,
-30.8707, 8.2280

■ 179.6180,
-30.8707, 8.2280

■ 255.0000, 0.0000,
0.0000

■ 152.5470,
-29.8497, 7.4133

■ 235.5750,
-32.3285, 9.1427

■ 126.3620,
-29.2655, 6.6985

■ 248.5020,
-24.8975, 5.6987

■ 101.1770,
-28.6813, 5.9838

■ 251.6940,
-12.6671, 2.8994

■ 76.8780, -28.5339,
5.3690

■ 53.1490, -26.2025,
4.2543

■ 33.9450, -16.7349,
0.9252

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 179.6180,
-30.8707, 8.2280

■ 179.6180,
-30.8707, 8.2280

■ 176.8650,
-38.8804, 10.6424

■ 182.3710,
-22.8609, 5.8136

■ 174.6990,
-47.1796, 12.5420

■ 184.5370,
-14.5617, 3.9141

■ 171.9460,
-55.1894, 14.9564

■ 187.2900, -6.5520,
1.4997

■ 169.7800,
-63.4885, 16.8559

■ 189.4560, 1.7472,
-0.3999

■ 167.0270,
-71.4983, 19.2703

■ 192.2090, 9.7570,
-2.8143

■ 164.9750,
-79.3607, 21.0699

■ 194.2610, 17.6193,
-4.6139

■ 164.5190,
-81.1079, 21.4698

■ 197.0140, 25.6291,
-7.0283

■ 197.6980, 28.2499,
-7.6281

■ 198.2850, 27.9605,
-8.1429

Harmonies

Analogous

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



182.8430, -31.9676, 33.4637



179.6180, -30.8707, 8.2280



175.5910, -20.0114, -21.5663

Triad

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



179.6180, -30.8707, 8.2280



161.6850, 34.1723, -87.4237



188.1210, 6.8423, 45.4979

Complementary

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



179.6180, -30.8707, 8.2280



126.3820, 30.8707, -8.2280

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.



188.4410, 21.4746, 18.9072



179.6180, -30.8707, 8.2280



173.3820, 37.2797, -57.3400

Square

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



179.6180, -30.8707, 8.2280



161.7060, 18.8789, -82.1802



183.3700, 32.3556, -17.8645



186.8330, -9.7777, 56.2745

Rectangle

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



179.6180, -30.8707, 8.2280



171.7330, -8.7424, -42.7388



183.3700, 32.3556, -17.8645



188.7440, 11.9582, 37.9355

Sweetspot

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



179.6180, -30.8707, 8.2280



241.3350, -11.5042, 3.2142



138.7560, -9.7397, 44.0640



120.1760, -6.9888, 1.5996



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



179.6180, -30.8707, 8.2280



230.3570, -48.4900, 12.8419



170.6260, -26.4376, -13.7040



92.9740, -3.9312, 0.8998



137.6400, -67.8565, 17.8557



26.8790, -13.2513, 3.6141

Inverse Universe

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



126.3820, 30.8707, -8.2280



146.6430, 48.4900, -12.8419



135.3740, 26.4376, 13.7040



86.0260, 3.9312, -0.8998



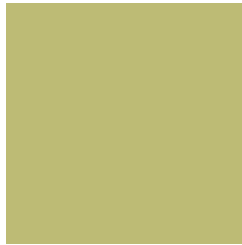
20.3600, 67.8565, -17.8557



4.1210, 13.2513, -3.6141

Previews

White Background



This preview shows how the YUV color 179.6180, -30.8707, 8.2280 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 179.6180, -30.8707, 8.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

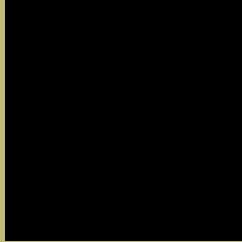
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.6180, -30.8707, 8.2280

Background



This preview shows how black text looks on a background with the YUV color 179.6180, -30.8707, 8.2280.



This preview shows how white text looks on a background with the YUV color 179.6180, -30.8707, 8.2280.

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

179.6180, -30.8707, 8.2280

Protanopia

180.4450, -31.7714, 17.1497

Deuteranopia

182.4840, -30.8046, 33.7785



Tritanopia

185.5760, 3.1670, 10.8958

Trichromacy



Original Color

179.6180, -30.8707, 8.2280

Protanomaly

179.8360, -31.4711, 14.1758

Deuteranomaly

181.1300, -30.6301, 24.4420

Tritanomaly

183.3620, -9.0525, 10.2065

Monochromacy



Original Color

179.6180, -30.8707, 8.2280

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0360, -11.3567, 2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.6180, -30.8707, 8.2280 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(189, 187, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 117)  
}
```

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(189, 187, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 117) }
```

Border

The CSS property to change the border of an element to YUV 179.6180, -30.8707, 8.2280 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(189, 187, 117) }
```


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

```
.border{ border-color:rgb(189, 187, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 187, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 179.6180, -30.8707, 8.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 117) }
```

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

```
.background{ background-color: rgb(189,  
187, 117) }
```

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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