

Converting Colors

YUV(176.5300, -30.8273,
-5.7268)

Have a look what the booklet for
YUV(176.5300, -30.8273, -5.7268)
contains.

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Color

**YUV(176.5300, -30.8273,
-5.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC072
RGB	170, 192, 114
RGB Percent	67%, 75%, 45%
CMY	0.3333, 0.2471, 0.5529
CMYK	0.11, 0.00, 0.41, 0.25
HSL	77°, 38%, 60%
HSV	77°, 41%, 75%
XYZ	38.4645, 47.4602, 23.0530
YIQ	176.5300, 11.9260, -28.9220

Conversions

Conversions Part 2

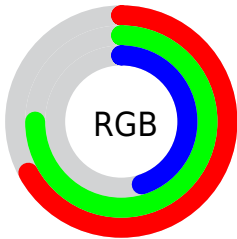
Format	Color
RYB	114, 192, 136
Decimal	11190386
CIELab	74.48, -20.18, 36.80
CIELCh	74, 41.971, 118.733
Yxy	47.4602, 0.3530, 0.4355
Android (android.graphics.Color)	4289380466 (0xFFAAC072)
YUV	176.5300, -30.8273, -5.7268
Hunter-Lab	68.8914, -20.8971, 28.3838

Details

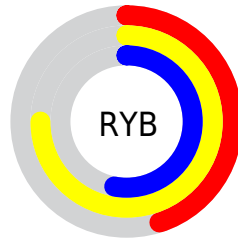
The YUV color **176.5300, -30.8273, -5.7268** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **129.4700, 30.8273, 5.7268**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1880, -32.1377, -5.4269**, and **122.9860, -29.0801, -6.1267** is the 20% darker color. If you saturate the color by 10%, you get **172.8690, -38.3894, -6.9011**, and if you desaturate by 10%, it is **180.1910, -23.2652, -4.5525**.

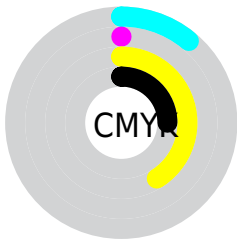
Distribution



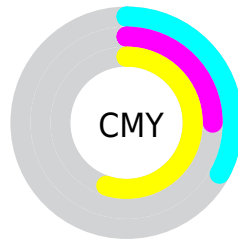
- Red (67%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5300, -30.8273, -5.7268 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 176.5300, -30.8273, -5.7268 by changing the saturation by 10% instead.

■ 176.5300,
-30.8273, -5.7268

■ 176.5300,
-30.8273, -5.7268

255.0000, 0.0000,
0.0000

■ 149.7580,
-29.9537, -5.9268

■ 232.1880,
-32.1377, -5.4269

■ 122.9860,
-29.0801, -6.1267

■ 248.0460,
-26.6447, 6.0987

■ 98.1000, -28.6433,
-6.2267

■ 251.3520,
-13.9775, 3.1993

■ 73.1000, -28.6433,
-6.2267

254.6580, -1.3104,
0.2999

■ 50.7130, -25.0015,
-7.6413

■ 30.6230, -15.0971,
-11.0704

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 176.5300,
-30.8273, -5.7268

■ 176.5300,
-30.8273, -5.7268

■ 172.8690,
-38.3894, -6.9011

■ 180.1910,
-23.2652, -4.5525

■ 168.9090,
-45.8041, -8.6902

■ 184.1510,
-15.8504, -2.7634

■ 165.1340,
-53.8031, -9.7645

■ 187.9260, -7.8515,
-1.6891

■ 161.1740,
-61.2178, -11.5536

■ 191.8860, -0.4368,
0.1000

■ 157.5130,
-68.7799, -12.7279

■ 195.5470, 7.1253,
1.2743

■ 153.9660,
-75.9052, -14.0022

■ 199.2080, 14.6875,
2.4486

■ 203.1680, 22.1022,
4.2377

■ 205.4610, 24.4227,
6.6117

■ 207.2550, 23.5383,
10.3004

Harmonies

Analogous

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



180.4200, -37.1821, 25.9417



176.5300, -30.8273, -5.7268



170.6640, -14.1314, -40.9243

Triad

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



176.5300, -30.8273, -5.7268



156.4580, 45.1302, -102.1337



186.9610, -0.4738, 58.7932

Complementary

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



176.5300, -30.8273, -5.7268



129.4700, 30.8273, 5.7268

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.



188.2260, 17.6366, 36.6358



176.5300, -30.8273, -5.7268



175.9040, 38.9943, -47.2738

Square

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



176.5300, -30.8273, -5.7268



144.1270, 36.9124, -126.3994



186.0670, 32.0120, -0.9358



184.6890, -18.0877, 61.6627

Rectangle

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



176.5300, -30.8273, -5.7268



164.5110, 1.2271, -67.1001



186.0670, 32.0120, -0.9358



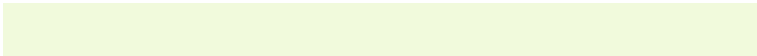
187.5350, 5.6522, 53.9048

Sweetspot

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



176.5300, -30.8273, -5.7268



243.8890, -11.7773, -2.5337



149.6490, -17.5750, 37.1418



121.4530, -7.1253, -1.2743



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



176.5300, -30.8273, -5.7268



225.5130, -48.5669, -9.2199



165.1680, -25.2258, -29.0883



94.9630, -3.9258, -0.8446



128.8920, -63.5438, -12.1833



26.5470, -13.0877, -2.2337

Inverse Universe

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



129.4700, 30.8273, 5.7268



151.4870, 48.5669, 9.2199



140.8320, 25.2258, 29.0883



89.0370, 3.9258, 0.8446



31.8090, 63.6912, 11.5685



6.4530, 13.0877, 2.2337

Previews

White Background



This preview shows how the YUV color 176.5300, -30.8273, -5.7268 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 176.5300, -30.8273, -5.7268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

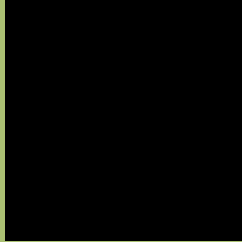
Any Text WCAG AA ✓ Pass

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 176.5300, -30.8273, -5.7268 Background



This preview shows how black text looks on a background with the YUV color 176.5300, -30.8273, -5.7268.



This preview shows how white text looks on a background with the YUV color 176.5300, -30.8273, -5.7268.

-5.7268.

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

176.5300, -30.8273, -5.7268

Protanopia

179.8750, -33.9554, 17.6496

Deuteranopia

181.9570, -31.5308, 33.3637



Tritanopia

183.4110, 6.6994, -2.1144

Trichromacy



Original Color

176.5300, -30.8273, -5.7268

Protanomaly

178.4610, -32.7653, 9.2427

Deuteranomaly

179.9830, -31.0506, 19.3089

Tritanomaly

181.1430, -6.9725, -3.6334

Monochromacy



Original Color

176.5300, -30.8273, -5.7268

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.4160, -11.0511, -2.1188

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5300, -30.8273, -5.7268 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(170, 192, 114)` looks like.

```
.text, #text, p{  
    color:rgb(170, 192, 114)  
}
```

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(170, 192, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 192, 114) }
```

Border

The CSS property to change the border of an element to YUV 176.5300, -30.8273, -5.7268 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(170, 192, 114) }
```


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

```
.border{ border-color:rgb(170, 192, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 192, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 192, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 192, 114);  
box-shadow:4px 4px 4px 4px rgb(170, 192,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 176.5300, -30.8273, -5.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 192, 114) }
```

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

```
.background{ background-color: rgb(170,  
192, 114) }
```

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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