

Converting Colors

YUV(177.4910, 12.0829,
-2.1846)

Have a look what the booklet for
YUV(177.4910, 12.0829, -2.1846)
contains.

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Color

**YUV(177.4910, 12.0829,
-2.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAECA
RGB	175, 174, 202
RGB Percent	69%, 68%, 79%
CMY	0.3137, 0.3176, 0.2078
CMYK	0.13, 0.14, 0.00, 0.21
HSL	242°, 21%, 74%
HSV	242°, 14%, 79%
XYZ	43.4759, 43.6503, 62.0110
YIQ	177.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

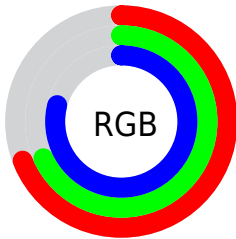
Format	Color
R _Y B	175, 174, 202
Decimal	11513546
CIE Lab	71.99, 5.96, -14.07
CIE LCh	72, 15.278, 292.972
Yxy	43.6503, 0.2915, 0.2927
Android (android.graphics.Color)	4289703626 (0xFFAFAECA)
YUV	177.4910, 12.0829, -2.1846
Hunter-Lab	66.0684, 1.8412, -9.4010

Details

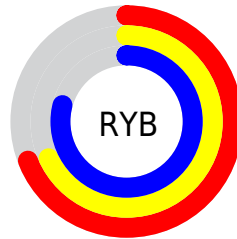
The YUV color $177.4910, 12.0829, -2.1846$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $198.5090, -12.0829, 2.1846$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.5620, 11.0619, -1.3699$, and $124.9640, 11.3567, -2.5994$ is the 20% darker color. If you saturate the color by 10%, you get $160.0700, 20.6715, -3.5694$, and if you desaturate by 10%, it is $194.9120, 3.4944, -0.7998$.

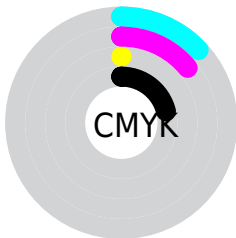
Distribution



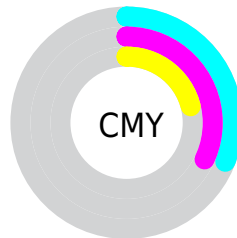
- Red (69%)
- Green (68%)
- Blue (79%)



- Red (69%)
- Yellow (68%)
- Blue (79%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.4910, 12.0829, -2.1846 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 177.4910, 12.0829, -2.1846 by changing the saturation by 10% instead.

■ 177.4910, 12.0829,
-2.1846

■ 177.4910, 12.0829,
-2.1846

255.0000, 0.0000,
0.0000

■ 150.4910, 12.0829,
-2.1846

■ 232.5620, 11.0619,
-1.3699

■ 124.9640, 11.3567,
-2.5994

■ 99.8500, 10.9199,
-2.4995

■ 75.7360, 10.4832,
-2.3995

■ 53.2090, 9.7570,
-2.8143

■ 32.0950, 9.3202,
-2.7143

■ 7.5620, 11.0619,

-1.3699

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 177.4910, 12.0829,
-2.1846

■ 177.4910, 12.0829,
-2.1846

■ 160.0700, 20.6715,
-3.5694

■ 194.9120, 3.4944,
-0.7998

■ 142.3500, 29.4075,
-5.5689

■ 212.6320, -5.2416,
1.1997

■ 124.3420, 38.2854,
-6.4389

■ 230.6400,
-14.1195, 2.0697

■ 106.6220, 47.0214,
-8.4385

■ 248.3600,
-22.8555, 4.0693

■ 89.2010, 55.6099,
-9.8233

■ 248.9580,
-23.1503, 5.2988

■ 71.4810, 64.3459,
-11.8228

■ 54.0600, 72.9344,
-13.2076

■ 35.7530, 81.9598,
-14.6924

■ 25.1210, 87.2013,
-15.8921

Harmonies

Analogous

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



175.2720, 14.1629, -16.0245



177.4910, 12.0829, -2.1846



179.2000, 6.8034, 11.2256

Triad

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



177.4910, 12.0829, -2.1846



177.8580, -11.2690, 21.1725



171.6830, 0.6493, -21.6470

Complementary

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



177.4910, 12.0829, -2.1846



198.5090, -12.0829, 2.1846

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.



173.3870, -7.0928, -11.7404



177.4910, 12.0829, -2.1846



176.2330, -13.4259, 12.9507

Square

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



177.4910, 12.0829, -2.1846



178.5470, -6.1857, 24.0763



174.9110, -11.7881, 0.9551



171.1860, 7.7963, -27.3501

Rectangle

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



177.4910, 12.0829, -2.1846



179.5060, 2.7085, 17.9732



174.9110, -11.7881, 0.9551



172.3090, -2.1243, -18.6880

Sweetspot

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



177.4910, 12.0829, -2.1846



246.1400, 4.3680, -0.9998



193.0410, 4.4168, -16.6990



121.7980, 3.0576, -0.6998



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.



177.4910, 12.0829, -2.1846



217.2010, 18.6349, -3.6843



181.6770, 10.0192, 6.4223



93.1400, 4.3680, -0.9998



20.7180, 71.6240, -12.9077



4.6310, 16.4509, -3.1844

Inverse Universe

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



185.4500, 7.6662, 14.5144



229.5310, 11.5702, 22.3363



194.3230, -10.0192, -6.4223



96.1300, 2.8939, 5.1480



67.8740, 45.4181, 86.0565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 177.4910, 12.0829, -2.1846 looks on a white background.

Color Contrast Check

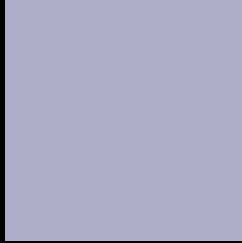
Large Text (above 18pt) WCAG AA × Fail

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 177.4910, 12.0829, -2.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

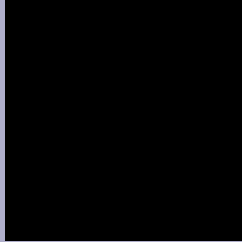
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.4910, 12.0829, -2.1846

Background



This preview shows how black text looks on a background with the YUV color 177.4910, 12.0829, -2.1846.



This preview shows how white text looks on a background with the YUV color 177.4910, 12.0829, -2.1846.

-2.1846.

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

177.4910, 12.0829, -2.1846

Protanopia

177.2950, 12.6726, -4.6437

Deuteranopia

178.1110, 11.7773, 2.5337



Tritanopia

176.6990, 6.5574, -3.2440

Trichromacy



Original Color

177.4910, 12.0829, -2.1846

Protanomaly

177.5940, 12.5252, -4.0289

Deuteranomaly

178.1000, 11.7827, 0.7893

Tritanomaly

176.8670, 8.4466, -2.5144

Monochromacy



Original Color

177.4910, 12.0829, -2.1846

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.4910, 12.0829, -2.1846 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(175, 174, 202)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 202)  
}
```

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(175, 174, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 202) }
```

Border

The CSS property to change the border of an element to YUV 177.4910, 12.0829, -2.1846 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(175, 174, 202) }
```


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

```
.border{ border-color:rgb(175, 174, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 202);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 177.4910, 12.0829, -2.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 202) }
```

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

```
.background{ background-color: rgb(175,  
174, 202) }
```

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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