

Converting Colors

YUV(177.2570, 13.6773,
-0.2254)

Have a look what the booklet for
YUV(177.2570, 13.6773, -0.2254)
contains.

YUV(177.2570, 13.6773, -0.2254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.2570, 13.6773,
-0.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ACCD
RGB	177, 172, 205
RGB Percent	69%, 67%, 80%
CMY	0.3059, 0.3255, 0.1961
CMYK	0.14, 0.16, 0.00, 0.20
HSL	249°, 25%, 74%
HSV	249°, 16%, 80%
XYZ	43.9034, 43.2599, 63.7937
YIQ	177.2570, -7.6130, 11.3230

Conversions

Conversions Part 2

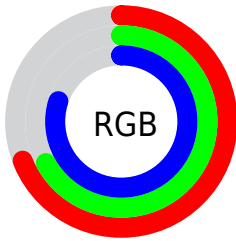
Format	Color
RYB	177, 172, 205
Decimal	11644109
CIELab	71.73, 8.36, -16.09
CIELCh	72, 18.133, 297.437
Yxy	43.2599, 0.2908, 0.2866
Android (android.graphics.Color)	4289834189 (0xFFB1ACCD)
YUV	177.2570, 13.6773, -0.2254
Hunter-Lab	65.7723, 4.0484, -11.4658

Details

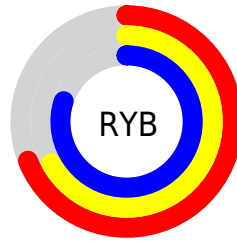
The YUV color $177.2570, 13.6773, -0.2254$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $199.7430, -13.6773, 0.2254$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.9860, 11.3459, 0.8893$, and $124.7300, 12.9511, -0.6402$ is the 20% darker color. If you saturate the color by 10%, you get $160.4340, 21.9710, -0.3806$, and if you desaturate by 10%, it is $194.6670, 5.0942, -0.5850$.

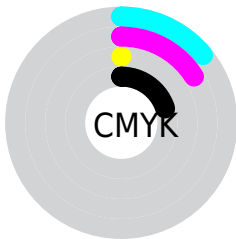
Distribution



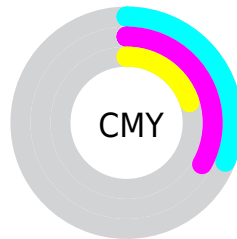
- Red (69%)
- Green (67%)
- Blue (80%)



- Red (69%)
- Yellow (67%)
- Blue (80%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2570, 13.6773, -0.2254 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 177.2570, 13.6773, -0.2254 by changing the saturation by 10% instead.

■ 177.2570, 13.6773,
-0.2254

■ 177.2570, 13.6773,
-0.2254

255.0000, 0.0000,
0.0000

■ 150.1430, 13.2405,
-0.1254

■ 231.9860, 11.3459,
0.8893

■ 124.7300, 12.9511,
-0.6402

■ 99.6160, 12.5143,
-0.5402

■ 75.5020, 12.0775,
-0.4403

■ 52.9750, 11.3513,
-0.8551

■ 31.4480, 10.6251,
-1.2699

■ 6.9260, 12.3615,

1.8189

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 177.2570, 13.6773,
-0.2254

■ 177.2570, 13.6773,
-0.2254

■ 160.4340, 21.9710,
-0.3806

■ 194.6670, 5.0942,
-0.5850

■ 142.7250, 30.7016,
-0.6358

■ 211.7890, -3.3470,
0.1850

■ 125.9020, 38.9953,
-0.7911

■ 229.1990,
-11.9301, -0.1745

■ 108.1930, 47.7259,
-1.0463

■ 246.3210,
-20.3713, 0.5955

■ 91.3700, 56.0196,
-1.2015

■ 249.3000,
-21.8399, 4.9989

■ 73.9600, 64.6027,
-0.8419

■ 56.8380, 73.0439,
-1.6119

■ 39.4280, 81.6270,
-1.2524

■ 32.6390, 84.9740,
-1.4374

Harmonies

Analogous

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



174.5430, 16.4943, -17.1392



177.2570, 13.6773, -0.2254



178.7490, 7.5187, 15.1291

Triad

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



177.2570, 13.6773, -0.2254



177.0710, -14.3320, 23.6167



169.6930, 2.1234, -27.7948

Complementary

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



177.2570, 13.6773, -0.2254



199.7430, -13.6773, 0.2254

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.



171.1800, -6.4977, -15.9439



177.2570, 13.6773, -0.2254



175.2500, -15.8992, 12.9358

Square

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



177.2570, 13.6773, -0.2254



177.9990, -8.3805, 28.0649



173.1450, -13.3825, -1.0042



169.4240, 10.1440, -33.6978

Rectangle

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



177.2570, 13.6773, -0.2254



179.0120, 1.9661, 22.7915



173.1450, -13.3825, -1.0042



170.2050, -1.0871, -24.7358

Sweetspot

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



177.2570, 13.6773, -0.2254



244.0800, 5.3836, -0.0702



192.1980, 6.3114, -17.7136



121.2110, 3.3470, -0.1850



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.



177.2570, 13.6773, -0.2254



214.5650, 19.9345, -0.4955



182.0410, 11.3188, 9.6110



93.4390, 4.2206, -0.3850



26.3990, 68.8233, -1.2269



6.1260, 15.7139, -0.1105

Inverse Universe

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



185.0590, 7.3659, 17.4883



226.0260, 10.8332, 25.4102



194.9590, -11.3188, -9.6110



95.9020, 2.0203, 5.3479



65.7080, 37.1190, 87.9561



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 177.2570, 13.6773, -0.2254 looks on a white background.

Color Contrast Check

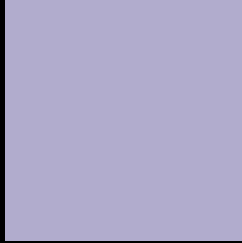
Large Text (above 18pt) WCAG AA × Fail

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 177.2570, 13.6773, -0.2254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

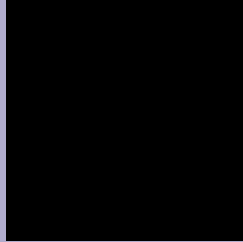
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.2570, 13.6773, -0.2254

Background



This preview shows how black text looks on a background with the YUV color 177.2570, 13.6773, -0.2254.



This preview shows how white text looks on a background with the YUV color 177.2570, 13.6773, -0.2254.

-0.2254.

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

177.2570, 13.6773, -0.2254

Protanopia

176.1530, 14.7146, -6.2732

Deuteranopia

177.2680, 13.6719, 1.5190



Tritanopia

176.2970, 6.2626, -2.0145

Trichromacy



Original Color

177.2570, 13.6773, -0.2254

Protanomaly

176.4630, 14.5617, -3.9141

Deuteranomaly

176.9690, 13.8193, 0.9042

Tritanomaly

176.6930, 9.0254, -1.4848

Monochromacy



Original Color

177.2570, 13.6773, -0.2254

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2570, 13.6773, -0.2254 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(177, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 205)  
}
```

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(177, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 205) }
```

Border

The CSS property to change the border of an element to YUV 177.2570, 13.6773, -0.2254 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(177, 172, 205) }
```


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

```
.border{ border-color:rgb(177, 172, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 177.2570, 13.6773, -0.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 205) }
```

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

```
.background{ background-color: rgb(177,  
172, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor