

Converting Colors

YUV(177.1510, 28.0266,
17.4076)

Have a look what the booklet for
YUV(177.1510, 28.0266, 17.4076)
contains.

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Color

**YUV(177.1510, 28.0266,
17.4076)**

Conversions

Conversions Part 1

Format	Color
Hex	C59CEA
RGB	197, 156, 234
RGB Percent	77%, 61%, 92%
CMY	0.2275, 0.3882, 0.0824
CMYK	0.16, 0.33, 0.00, 0.08
HSL	272°, 65%, 76%
HSV	272°, 33%, 92%
XYZ	49.7657, 41.5878, 83.2462
YIQ	177.1510, -0.6020, 32.9500

Conversions

Conversions Part 2

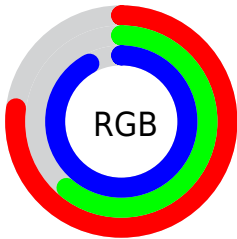
Format	Color
R_{YB}	197, 156, 234
Decimal	12950762
CIE _{Lab}	70.59, 29.78, -33.59
CIE _{LCh}	71, 44.894, 311.558
Yxy	41.5878, 0.2850, 0.2382
Android (android.graphics.Color)	4291140842 (0xFFC59CEA)
YUV	177.1510, 28.0266, 17.4076
Hunter-Lab	64.4886, 24.8931, -31.3935

Details

The YUV color $177.1510, 28.0266, 17.4076$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $212.8490, -28.0266, -17.4076$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.8730, 12.8806, 22.0364$, and $123.7980, 26.7216, 15.9632$ is the 20% darker color. If you saturate the color by 10%, you get $160.3610, 36.3040, 22.4854$, and if you desaturate by 10%, it is $193.9410, 19.7491, 12.3297$.

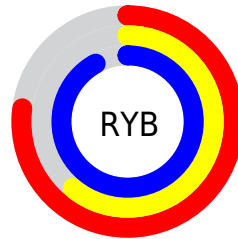
Distribution



Red (77%)

Green (61%)

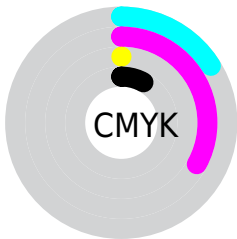
Blue (92%)



Red (77%)

Yellow (61%)

Blue (92%)

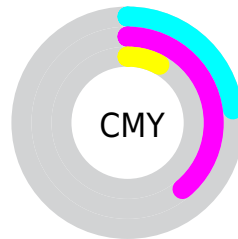


Cyan (16%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (23%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.1510, 28.0266, 17.4076 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 177.1510, 28.0266, 17.4076 by changing the saturation by 10% instead.

177.1510, 28.0266,
17.4076

177.1510, 28.0266,
17.4076

255.0000, 0.0000,
0.0000

150.3250, 27.4478,
16.3780

228.8730, 12.8806,
22.0364

123.7980, 26.7216,
15.9632

245.6080, 4.6303,
8.2368

98.8580, 25.7060,
15.0335

74.0320, 25.1272,
14.0039

50.2060, 24.5484,
12.9743

26.9670, 23.6803,
11.4299

12.5060, 19.4705,

8.3262

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 177.1510, 28.0266,
17.4076

■ 177.1510, 28.0266,
17.4076

■ 160.3610, 36.3040,
22.4854

■ 193.9410, 19.7491,
12.3297

■ 142.9840, 44.8709,
28.0780

■ 211.3180, 11.1822,
6.7371

■ 126.1940, 53.1484,
33.1559

■ 228.1080, 2.9048,
1.6593

■ 108.8170, 61.7152,
38.7485

■ 245.4850, -5.6621,
-3.9333

■ 91.7280, 70.1401,
43.2115

■ 251.7090, -8.7305,
0.2552

■ 74.9380, 78.4176,
48.2894

■ 252.6060, -9.1728,
2.0995

■ 63.4530, 84.0797,
52.2227

Harmonies

Analogous

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



169.7690, 40.5399, -29.6154



177.1510, 28.0266, 17.4076



177.1910, 10.7518, 51.5755

Triad

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



177.1510, 28.0266, 17.4076



170.8180, -37.3783, 42.2556



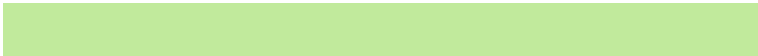
135.3100, 25.9762, -118.6669

Complementary

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



177.1510, 28.0266, 17.4076



212.8490, -28.0266, -17.4076

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.



153.7520, -4.3147, -62.9265



177.1510, 28.0266, 17.4076



167.8160, -37.8703, 13.3164

Square

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



177.1510, 28.0266, 17.4076



172.9250, -26.0920, 62.3328



162.9840, -26.1211, -21.9110



137.8810, 43.4427, -120.9216

Rectangle

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



177.1510, 28.0266, 17.4076



175.3530, -1.6530, 63.7114



162.9840, -26.1211, -21.9110



135.2090, 19.1240, -114.1933

Sweetspot

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



177.1510, 28.0266, 17.4076



236.7370, 9.0037, 5.4927



187.1980, 23.0734, -27.3606



116.2160, 5.8095, 3.3186



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.



177.1510, 28.0266, 17.4076



180.7740, 36.5934, 23.0002



188.1000, 22.1357, 40.2543



109.0480, 3.9203, 2.5889



49.0390, 65.0568, 40.3078



14.5280, 19.4597, 11.8149

Inverse Universe

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



183.5400, 4.6638, 44.2534



188.9700, 5.9308, 57.9083



201.9000, -22.1357, -40.2543



109.8590, 0.5625, 6.2627



63.9230, 10.8840, 102.6765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 177.1510, 28.0266, 17.4076 looks on a white background.

Color Contrast Check

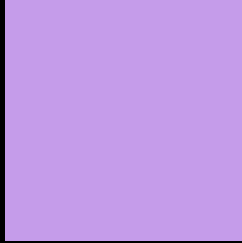
Large Text (above 18pt) WCAG AA × Fail

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 177.1510, 28.0266, 17.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

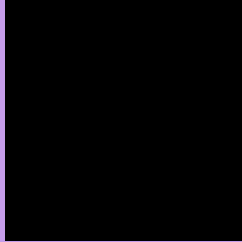
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.1510, 28.0266, 17.4076

Background



This preview shows how black text looks on a background with the YUV color 177.1510, 28.0266, 17.4076.



This preview shows how white text looks on a background with the YUV color 177.1510, 28.0266, 17.4076.

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

177.1510, 28.0266, 17.4076

Protanopia

172.2710, 35.8554, -20.4087

Deuteranopia

173.0670, 28.5610, -14.0908



Tritanopia

174.7610, 2.5828, 11.6106

Trichromacy



Original Color

177.1510, 28.0266, 17.4076

Protanomaly

173.9630, 33.0492, -6.9836

Deuteranomaly

174.7310, 28.2336, -2.3951

Tritanomaly

175.5900, 12.0341, 13.5146

Monochromacy



Original Color

177.1510, 28.0266, 17.4076

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7910, 10.4560, 6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.1510, 28.0266, 17.4076 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(197, 156, 234)` looks like.

```
.text, #text, p{  
    color:rgb(197, 156, 234)  
}
```

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(197, 156, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 156, 234) }
```

Border

The CSS property to change the border of an element to YUV 177.1510, 28.0266, 17.4076 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(197, 156, 234) }
```


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

```
.border{ border-color:rgb(197, 156, 234) }
```

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

Here you see how a box with a 4 pixel rgb(197, 156, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 156, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 156, 234);  
box-shadow:4px 4px 4px 4px rgb(197, 156,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 177.1510, 28.0266, 17.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 156, 234) }
```

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

```
.background{ background-color: rgb(197,  
156, 234) }
```

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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