

Converting Colors

YUV(177.2210, 28.4850,
10.3302)

Have a look what the booklet for
YUV(177.2210, 28.4850, 10.3302)
contains.

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Color

**YUV(177.2210, 28.4850,
10.3302)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA0EB
RGB	189, 160, 235
RGB Percent	74%, 63%, 92%
CMY	0.2588, 0.3725, 0.0784
CMYK	0.20, 0.32, 0.00, 0.08
HSL	263°, 65%, 77%
HSV	263°, 32%, 92%
XYZ	48.5525, 41.9586, 84.1371
YIQ	177.2210, -6.7910, 29.4730

Conversions

Conversions Part 2

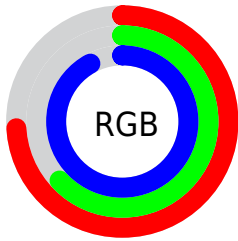
Format	Color
R_{YB}	189, 160, 235
Decimal	12427499
CIE _{Lab}	70.84, 25.37, -33.80
CIE _{LCh}	71, 42.265, 306.894
Yxy	41.9586, 0.2780, 0.2402
Android (android.graphics.Color)	4290617579 (0xFFBDA0EB)
YUV	177.2210, 28.4850, 10.3302
Hunter-Lab	64.7754, 20.4377, -31.6692

Details

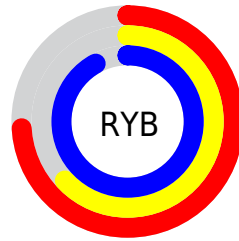
The YUV color $177.2210, 28.4850, 10.3302$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $217.7790, -28.4850, -10.3302$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.8290, 12.9023, 15.0590$, and $123.8680, 27.1801, 8.8858$ is the 20% darker color. If you saturate the color by 10%, you get $159.5340, 37.2047, 13.5637$, and if you desaturate by 10%, it is $194.9080, 19.7654, 7.0967$.

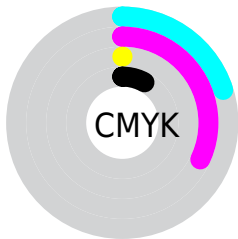
Distribution



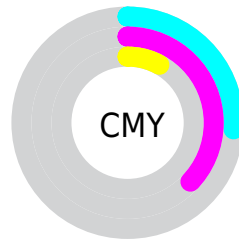
- Red (74%)
- Green (63%)
- Blue (92%)



- Red (74%)
- Yellow (63%)
- Blue (92%)



- Cyan (20%)
- Magenta (32%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (37%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2210, 28.4850, 10.3302 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 177.2210, 28.4850, 10.3302 by changing the saturation by 10% instead.

177.2210, 28.4850,
10.3302

177.2210, 28.4850,
10.3302

255.0000, 0.0000,
0.0000

150.3950, 27.9063,
9.3006

228.8290, 12.9023,
15.0590

123.8680, 27.1801,
8.8858

247.9560, 3.4727,
6.1776

98.9280, 26.1645,
7.9561

74.4010, 25.4383,
7.5413

51.0480, 24.1333,
6.0969

28.5100, 23.4126,
3.9377

10.5270, 20.9392,

3.9228

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 177.2210, 28.4850,
10.3302

■ 177.2210, 28.4850,
10.3302

■ 159.5340, 37.2047,
13.5637

■ 194.9080, 19.7654,
7.0967

■ 140.9610, 46.3612,
16.6972

■ 213.4810, 10.6089,
3.9632

■ 122.6870, 55.3703,
20.4455

■ 231.7550, 1.5998,
0.2149

■ 104.7010, 64.2374,
23.0642

■ 249.7410, -7.2673,
-2.4039

■ 86.4270, 73.2465,
26.8125

■ 252.7200, -8.7360,
1.9996

■ 68.7400, 81.9662,
30.0460

■ 53.9990, 89.2335,
32.4499

Harmonies

Analogous

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



169.3940, 39.2458, -34.5485



177.2210, 28.4850, 10.3302



178.0160, 12.8101, 44.7130

Triad

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



177.2210, 28.4850, 10.3302



172.9260, -34.4735, 43.9149



141.0900, 19.6756, -104.4419

Complementary

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



177.2210, 28.4850, 10.3302



217.7790, -28.4850, -10.3302

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.



157.9060, -7.8417, -51.6606



177.2210, 28.4850, 10.3302



169.5930, -36.2813, 17.0199

Square

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



177.2210, 28.4850, 10.3302



174.2390, -22.3028, 60.3034



165.3870, -27.3058, -15.2484



137.5560, 39.6589, -120.6366

Rectangle

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



177.2210, 28.4850, 10.3302



177.0040, 0.9840, 57.8785



165.3870, -27.3058, -15.2484



149.1870, 9.2748, -81.7250

Sweetspot

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



177.2210, 28.4850, 10.3302



235.5410, 9.5933, 3.0335



195.5520, 19.4479, -31.1791



115.6180, 6.1043, 2.0890



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.



177.2210, 28.4850, 10.3302



180.4200, 36.7679, 13.6637



188.2840, 23.0310, 33.0769



108.4500, 4.2152, 1.3594



41.5640, 68.7419, 24.9384



12.4350, 20.4915, 7.5115

Inverse Universe

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



187.6690, 9.0372, 41.5093



193.8430, 11.9094, 53.6347



206.7160, -23.0310, -33.0769



110.0870, 1.4361, 6.0627



66.7730, 21.8039, 100.1771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 177.2210, 28.4850, 10.3302 looks on a white background.

Color Contrast Check

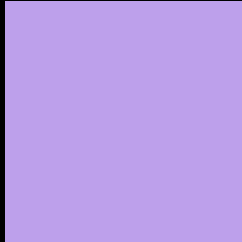
Large Text (above 18pt) WCAG AA × Fail

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 177.2210, 28.4850, 10.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

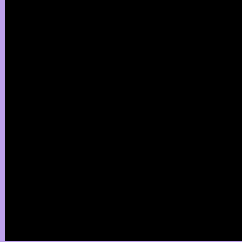
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.2210, 28.4850, 10.3302

Background



This preview shows how black text looks on a background with the YUV color 177.2210, 28.4850, 10.3302.



This preview shows how white text looks on a background with the YUV color 177.2210, 28.4850,

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

177.2210, 28.4850, 10.3302

Protanopia

173.3420, 34.8344, -19.5939

Deuteranopia

173.8820, 29.1452, -14.8055



Tritanopia

174.5860, 4.6411, 4.7481

Trichromacy



Original Color

177.2210, 28.4850, 10.3302

Protanomaly

174.8380, 32.6179, -8.6279

Deuteranomaly

175.2360, 28.9707, -5.4690

Tritanomaly

175.3010, 13.6556, 6.7520

Monochromacy



Original Color

177.2210, 28.4850, 10.3302

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2210, 28.4850, 10.3302 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, 160, 235)` looks like.

```
.text, #text, p{  
    color:rgb(189, 160, 235)  
}
```

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, 160, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 160, 235) }
```

Border

The CSS property to change the border of an element to YUV 177.2210, 28.4850, 10.3302 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, 160, 235) }
```


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

```
.border{ border-color:rgb(189, 160, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 160, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 160, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 160, 235);  
box-shadow:4px 4px 4px 4px rgb(189, 160,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 177.2210, 28.4850, 10.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 160, 235) }
```

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

```
.background{ background-color: rgb(189,  
160, 235) }
```

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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