

Converting Colors

YUV(176.2830, 21.0595,
12.0298)

Have a look what the booklet for
YUV(176.2830, 21.0595, 12.0298)
contains.

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Color

**YUV(176.2830, 21.0595,
12.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA1DB
RGB	190, 161, 219
RGB Percent	75%, 63%, 86%
CMY	0.2549, 0.3686, 0.1412
CMYK	0.13, 0.26, 0.00, 0.14
HSL	270°, 45%, 75%
HSV	270°, 26%, 86%
XYZ	46.7663, 41.5514, 72.5732
YIQ	176.2830, -1.3340, 24.1860

Conversions

Conversions Part 2

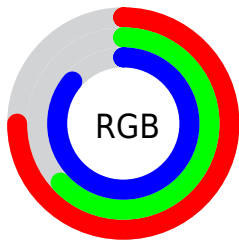
Format	Color
R_{YB}	190, 161, 219
Decimal	12493275
CIE _{Lab}	70.56, 21.63, -25.46
CIE _{LCh}	71, 33.406, 310.343
Yxy	41.5514, 0.2907, 0.2583
Android (android.graphics.Color)	4290683355 (0xFFBEA1DB)
YUV	176.2830, 21.0595, 12.0298
Hunter-Lab	64.4603, 16.6969, -21.6299

Details

The YUV color **176.2830, 21.0595, 12.0298** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.7170, -21.0595, -12.0298**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7150, 12.4655, 15.1589**, and **123.3430, 20.0439, 11.1002** is the 20% darker color. If you saturate the color by 10%, you get **160.0800, 29.0476, 16.5928**, and if you desaturate by 10%, it is **192.4860, 13.0714, 7.4668**.

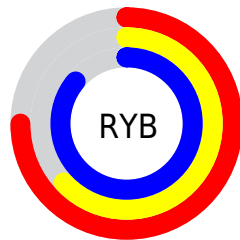
Distribution



Red (75%)

Green (63%)

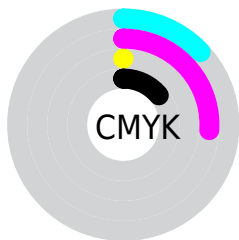
Blue (86%)



Red (75%)

Yellow (63%)

Blue (86%)

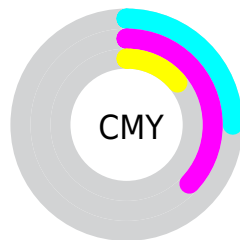


Cyan (13%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (25%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.2830, 21.0595, 12.0298 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 176.2830, 21.0595, 12.0298 by changing the saturation by 10% instead.


 176.2830, 21.0595,
12.0298

 176.2830, 21.0595,
12.0298


255.0000, 0.0000,
0.0000


 149.7560, 20.3333,
11.6150


 229.7150, 12.4655,
15.1589


 123.3430, 20.0439,
11.1002

 248.5430, 3.1833,
5.6628

 98.4030, 19.0283,
10.1706

 73.9900, 18.7389,
9.6558

 51.0500, 17.7233,
8.7262

 29.2240, 17.1446,
7.6966

 11.0670, 15.2500,

8.7112

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 176.2830, 21.0595,
12.0298

■ 176.2830, 21.0595,
12.0298

■ 160.0800, 29.0476,
16.5928

■ 192.4860, 13.0714,
7.4668

■ 143.8770, 37.0356,
21.1559

■ 208.6890, 5.0833,
2.9037

■ 127.6740, 45.0237,
25.7189

■ 224.8920, -2.9048,
-1.6593

■ 111.4710, 53.0118,
30.2819

■ 241.0950,
-10.8928, -6.2223

■ 95.2680, 60.9999,
34.8450

■ 247.9060,
-14.2507, -2.5486

■ 79.6520, 68.6986,
38.8932

■ 250.8960,
-15.7247, 3.5992

■ 63.4490, 76.6866,
43.4562

■ 57.8560, 79.4440,
45.7303

Harmonies

Analogous

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



171.6640, 29.7456, -20.7533



176.2830, 21.0595, 12.0298



177.1200, 8.3218, 37.6058

Triad

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



176.2830, 21.0595, 12.0298



172.5810, -27.8944, 33.6935



155.3120, 13.1572, -66.9256

Complementary

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



176.2830, 21.0595, 12.0298



203.7170, -21.0595, -12.0298

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.



161.3570, -5.1060, -42.4091



176.2830, 21.0595, 12.0298



169.6230, -28.4081, 11.7316

Square

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



176.2830, 21.0595, 12.0298



174.2590, -19.3547, 48.0079



165.6350, -20.0331, -14.5889



154.1550, 28.0246, -75.5579

Rectangle

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



176.2830, 21.0595, 12.0298



176.5420, -1.7462, 46.8827



165.6350, -20.0331, -14.5889



157.1620, 7.3151, -59.7781

Sweetspot

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



176.2830, 21.0595, 12.0298



240.2700, 7.2619, 4.1482



184.6350, 16.9419, -20.7279



118.2760, 4.7939, 2.3889



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.



176.2830, 21.0595, 12.0298



194.6070, 29.7737, 17.0077



184.9540, 16.7847, 29.8583



101.7490, 4.0677, 1.9741



45.7350, 62.7416, 36.1894



12.1210, 16.7023, 9.5409

Inverse Universe

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



181.6480, 4.1175, 32.7577



202.1920, 5.8213, 46.3126



195.0460, -16.7847, -29.8583



102.8590, 0.5625, 6.2627



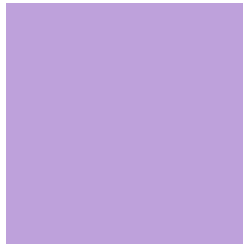
61.6450, 12.5000, 97.6583



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 176.2830, 21.0595, 12.0298 looks on a white background.

Color Contrast Check

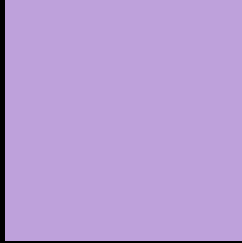
Large Text (above 18pt) WCAG AA × Fail

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 176.2830, 21.0595, 12.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

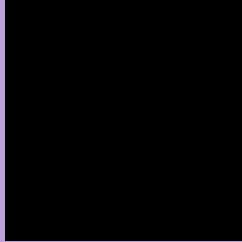
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.2830, 21.0595, 12.0298

Background



This preview shows how black text looks on a background with the YUV color 176.2830, 21.0595, 12.0298.



This preview shows how white text looks on a background with the YUV color 176.2830, 21.0595,

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

176.2830, 21.0595, 12.0298

Protanopia

173.3830, 25.9402, -13.4909

Deuteranopia

173.5750, 21.4085, -6.6433



Tritanopia

174.2660, 3.3199, 8.5367

Trichromacy



Original Color

176.2830, 21.0595, 12.0298

Protanomaly

174.2810, 24.0185, -3.7544

Deuteranomaly

174.6190, 21.3868, 0.3341

Tritanomaly

174.6990, 10.0084, 9.9110

Monochromacy



Original Color

176.2830, 21.0595, 12.0298

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.3840, 7.6987, 4.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2830, 21.0595, 12.0298 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(190, 161, 219)` looks like.

```
.text, #text, p{  
    color:rgb(190, 161, 219)  
}
```

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(190, 161, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 161, 219) }
```

Border

The CSS property to change the border of an element to YUV 176.2830, 21.0595, 12.0298 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(190, 161, 219) }
```


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

```
.border{ border-color:rgb(190, 161, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 161, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 161, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 161, 219);  
box-shadow:4px 4px 4px 4px rgb(190, 161,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 176.2830, 21.0595, 12.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 161, 219) }
```

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

```
.background{ background-color: rgb(190,  
161, 219) }
```

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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