

Converting Colors

YUV(176.5040, 12.5695,
28.4990)

Have a look what the booklet for
YUV(176.5040, 12.5695, 28.4990)
contains.

YUV(176.5040, 12.5695, 28.4990)	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(176.5040, 12.5695,
28.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	D19BCA
RGB	209, 155, 202
RGB Percent	82%, 61%, 79%
CMY	0.1804, 0.3922, 0.2078
CMYK	0.00, 0.26, 0.03, 0.18
HSL	308°, 37%, 71%
HSV	308°, 26%, 82%
XYZ	48.6765, 41.2623, 61.2760
YIQ	176.5040, 17.0970, 26.0650

Conversions

Conversions Part 2

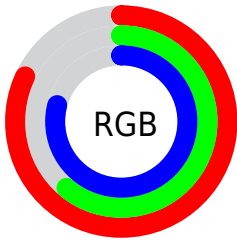
Format	Color
R_{YB}	209, 155, 202
Decimal	13736906
CIE _{Lab}	70.36, 27.80, -16.23
CIE _{LCh}	70, 32.186, 329.723
Yxy	41.2623, 0.3219, 0.2729
Android (android.graphics.Color)	4291926986 (0xFFD19BCA)
YUV	176.5040, 12.5695, 28.4990
Hunter-Lab	64.2357, 22.8512, -11.5932

Details

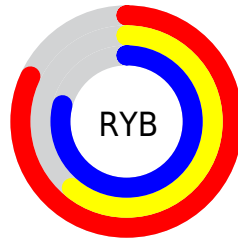
The YUV color **176.5040, 12.5695, 28.4990** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.4960, -12.5695, -28.4990**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **123.3790, 12.1382, 26.8546** is the 20% darker color. If you saturate the color by 10%, you get **163.8350, 17.3363, 39.6097**, and if you desaturate by 10%, it is **189.1730, 7.8027, 17.3883**.

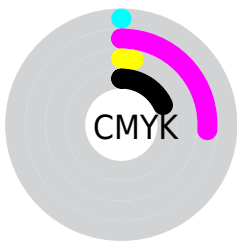
Distribution



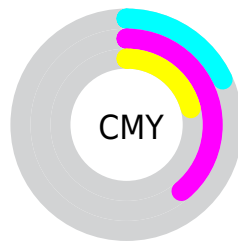
- Red (82%)
- Green (61%)
- Blue (79%)



- Red (82%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (26%)
- Yellow (3%)
- Black (18%)




- Cyan (18%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.5040, 12.5695, 28.4990 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 176.5040, 12.5695, 28.4990 by changing the saturation by 10% instead.


 176.5040, 12.5695,
28.4990


 176.5040, 12.5695,
28.4990


255.0000, 0.0000,
0.0000


 149.7920, 12.4275,
27.3694


 228.5850, 13.0226,
23.1660


 123.3790, 12.1382,
26.8546

 245.0210, 4.9196,
8.7516

 98.2540, 11.7068,
25.2102

 73.8410, 11.4174,
24.6954

 50.1290, 11.2754,
23.5659

 26.3570, 12.1490,
23.3659

 13.8850, 7.9447,

18.5179

■ 0.0000, 0.0000,
0.0000

■ 176.5040, 12.5695,
28.4990

■ 176.5040, 12.5695,
28.4990

■ 163.8350, 17.3363,
39.6097

■ 189.1730, 7.8027,
17.3883

■ 151.2800, 22.5400,
50.6204

■ 201.7280, 2.5991,
6.3775

■ 138.6110, 27.3068,
61.7312

■ 214.3970, -2.1677,
-4.7332

■ 125.9420, 32.0736,
72.8419

■ 227.0660, -6.9345,
-15.8439

■ 113.8600, 36.5510,
83.4378

■ 236.8000,
-10.2544, -24.3806

■ 101.3050, 41.7546,
94.4485

■ 237.0280, -9.3808,
-24.5806

■ 88.6360, 46.5215,
105.5592

■ 237.3700, -8.0704,
-24.8805

■ 83.2390, 48.6892,
110.2924

■ 237.7120, -6.7600,
-25.1804

■ 237.9400, -5.8864,
-25.3804

Harmonies

Analogous

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



174.9010, 23.7128, 0.9638



176.5040, 12.5695, 28.4990



175.6450, -1.3040, 45.0383

Triad

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



176.5040, 12.5695, 28.4990



170.3790, -28.2878, 19.8386



154.3960, 22.4828, -71.3843

Complementary

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



176.5040, 12.5695, 28.4990



187.4960, -12.5695, -28.4990

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.



157.9560, 6.4307, -56.0894



176.5040, 12.5695, 28.4990



167.1910, -23.2652, -4.5525

Square

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



176.5040, 12.5695, 28.4990



172.4120, -24.8531, 38.2267



163.0550, -10.3801, -30.7432



159.6390, 30.7440, -61.0734

Rectangle

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



176.5040, 12.5695, 28.4990



174.9630, -10.3348, 48.2674



163.0550, -10.3801, -30.7432



155.1530, 17.6726, -68.5402

Sweetspot

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



176.5040, 12.5695, 28.4990



242.9180, 4.4774, 10.5959



162.9500, 22.7027, -1.7101



120.1410, 2.8885, 6.8923



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.



176.5040, 12.5695, 28.4990



207.4870, 18.4939, 41.6689



173.5400, 1.2128, 31.0984



98.3150, 2.3097, 5.8627



66.8760, 39.0081, 88.6857



16.3630, 9.6810, 21.6066

Inverse Universe

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



176.5040, 12.5695, 28.4990



207.4870, 18.4939, 41.6689



190.4600, -1.2128, -31.0984



98.3150, 2.3097, 5.8627



66.8760, 39.0081, 88.6857



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 176.5040, 12.5695, 28.4990 looks on a white background.

Color Contrast Check

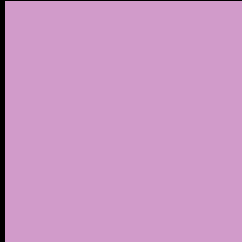
Large Text (above 18pt) WCAG AA × Fail

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 176.5040, 12.5695, 28.4990 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 176.5040, 12.5695, 28.4990

Background



This preview shows how black text looks on a background with the YUV color 176.5040, 12.5695, 28.4990.



This preview shows how white text looks on a background with the YUV color 176.5040, 12.5695,

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

176.5040, 12.5695, 28.4990

Protanopia

173.3960, 19.5248, -9.1173

Deuteranopia

174.0400, 12.7983, 1.7189



Tritanopia

174.9370, -0.9549, 26.3653

Trichromacy



Original Color

176.5040, 12.5695, 28.4990

Protanomaly

174.5010, 17.0080, 4.8226

Deuteranomaly

174.8070, 12.9131, 11.5703

Tritanomaly

175.3160, 4.2812, 26.9099

Monochromacy



Original Color

176.5040, 12.5695, 28.4990

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5040, 12.5695, 28.4990 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(209, 155, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 155, 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(209, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 155, 202) }
```

Border

The CSS property to change the border of an element to YUV 176.5040, 12.5695, 28.4990 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(209, 155, 202) }
```


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

```
.border{ border-color:rgb(209, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 155,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 176.5040, 12.5695, 28.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 155, 202) }
```

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

```
.background{ background-color: rgb(209,  
155, 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](#).

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