

Converting Colors

YUV(161.1450, 17.1835,
41.9688)

Have a look what the booklet for
YUV(161.1450, 17.1835, 41.9688)
contains.

YUV(161.1450, 17.1835, 41.9688)	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(161.1450, 17.1835,
41.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	D182C4
RGB	209, 130, 196
RGB Percent	82%, 51%, 77%
CMY	0.1804, 0.4902, 0.2314
CMYK	0.00, 0.38, 0.06, 0.18
HSL	310°, 46%, 66%
HSV	310°, 38%, 82%
XYZ	44.2409, 33.5061, 56.3601
YIQ	161.1450, 25.8980, 37.2740

Conversions

Conversions Part 2

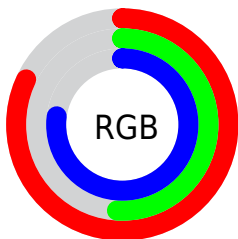
Format	Color
R _Y B	209, 130, 196
Decimal	13730500
CIE Lab	64.57, 40.22, -21.67
CIE LCh	65, 45.683, 331.680
Yxy	33.5061, 0.3299, 0.2498
Android (android.graphics.Color)	4291920580 (0xFFD182C4)
YUV	161.1450, 17.1835, 41.9688
Hunter-Lab	57.8844, 35.1293, -17.2095

Details

The YUV color **161.1450, 17.1835, 41.9688** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.8550, -17.1835, -41.9688**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0950, 19.6732, 36.7507**, and **107.7210, 16.8995, 39.7097** is the 20% darker color. If you saturate the color by 10%, you get **148.4760, 21.9503, 53.0795**, and if you desaturate by 10%, it is **173.8140, 12.4167, 30.8581**.

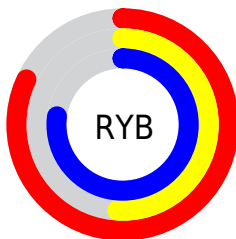
Distribution



Red (82%)

Green (51%)

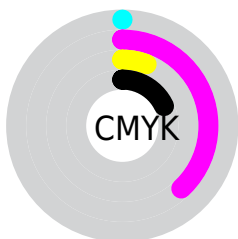
Blue (77%)



Red (82%)

Yellow (51%)

Blue (77%)

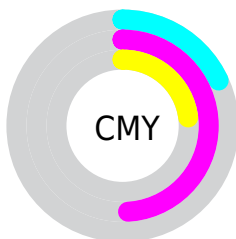


Cyan (0%)

Magenta (38%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (49%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.1450, 17.1835, 41.9688 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 161.1450, 17.1835, 41.9688 by changing the saturation by 10% instead.

161.1450, 17.1835,
41.9688

161.1450, 17.1835,
41.9688

255.0000, 0.0000,
0.0000

134.4330, 17.0415,
40.8393

213.0950, 19.6732,
36.7507

107.7210, 16.8995,
39.7097

229.7590, 12.4438,
22.1364

82.0090, 16.7576,
38.5801

246.7820, 4.0515,
7.2072

56.2370, 17.6312,
38.3802

29.8780, 18.7941,
38.6950

20.0800, 12.2856,
26.2398

9.9120, 6.9454,

12.3552

■ 0.0000, 0.0000,
0.0000

■ 161.1450, 17.1835,
41.9688

■ 161.1450, 17.1835,
41.9688

■ 148.4760, 21.9503,
53.0795

■ 173.8140, 12.4167,
30.8581

■ 135.6930, 26.2804,
64.2902

■ 186.5970, 8.0867,
19.6474

■ 123.0240, 31.0472,
75.4010

■ 199.2660, 3.3199,
8.5367

■ 110.2410, 35.3772,
86.6116

■ 212.0490, -1.0102,
-2.6740

■ 98.1590, 39.8546,
97.2076

■ 224.7180, -5.7770,
-13.7847

■ 85.3760, 44.1846,
108.4182

■ 236.9140, -9.8176,
-24.4806

■ 82.4410, 45.6316,
110.9922

■ 237.2560, -8.5072,
-24.7805

■ 237.7120, -6.7600,
-25.1804

■ 238.0540, -5.4496,
-25.4804

Harmonies

Analogous

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



159.6160, 32.7273, 2.9678



161.1450, 17.1835, 41.9688



158.7660, -1.3636, 64.2262

Triad

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



161.1450, 17.1835, 41.9688



152.8280, -39.3552, 22.9528



125.8840, 35.5532, -110.4003

Complementary

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



161.1450, 17.1835, 41.9688



177.8550, -17.1835, -41.9688

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.



121.9110, 17.7919, -106.9159



161.1450, 17.1835, 41.9688



148.6820, -31.3952, -10.2451

Square

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



161.1450, 17.1835, 41.9688



155.2580, -34.6372, 49.7627



140.4780, -12.0677, -49.5312



126.3690, 50.1041, -110.8256

Rectangle

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



161.1450, 17.1835, 41.9688



157.4600, -14.0308, 67.1256



140.4780, -12.0677, -49.5312



124.9890, 29.5854, -109.6154

Sweetspot

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



161.1450, 17.1835, 41.9688



237.9940, 5.9190, 14.9143



142.5940, 32.7382, -0.5209



117.6790, 3.6093, 9.0515



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.



161.1450, 17.1835, 41.9688



185.3290, 24.9808, 61.1015



156.8130, 0.5852, 45.7680



98.3150, 2.3097, 5.8627



66.3060, 36.8241, 89.1856



16.1350, 8.8074, 21.8066

Inverse Universe

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



161.1450, 17.1835, 41.9688



185.3290, 24.9808, 61.1015



182.1870, -0.5852, -45.7680



98.3150, 2.3097, 5.8627



66.3060, 36.8241, 89.1856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 161.1450, 17.1835, 41.9688 looks on a white background.

Color Contrast Check

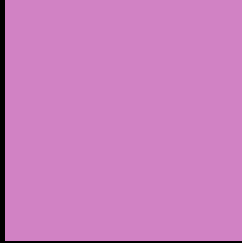
Large Text (above 18pt) WCAG AA × Fail

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 161.1450, 17.1835, 41.9688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

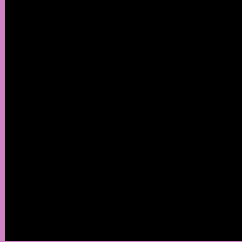
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.1450, 17.1835, 41.9688

Background



This preview shows how black text looks on a background with the YUV color 161.1450, 17.1835, 41.9688.



This preview shows how white text looks on a background with the YUV color 161.1450, 17.1835,

41.9688.

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

161.1450, 17.1835, 41.9688

Protanopia

157.2410, 27.9822, -15.1204

Deuteranopia

158.6310, 16.4509, -3.1844



Tritanopia

159.3900, -4.6293, 38.2460

Trichromacy



Original Color

161.1450, 17.1835, 41.9688



Protanomaly

158.6350, 23.8439, 5.5821



Deuteranomaly

159.4420, 16.5441, 13.6444



Tritanomaly

160.1650, 3.3697, 39.3203

Monochromacy



Original Color

161.1450, 17.1835, 41.9688



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.1080, 6.3558, 14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.1450, 17.1835, 41.9688 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, 130, 196)` looks like.

```
.text, #text, p{  
    color:rgb(209, 130, 196)  
}
```

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, 130, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 130, 196) }
```

Border

The CSS property to change the border of an element to YUV 161.1450, 17.1835, 41.9688 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, 130, 196) }
```


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

```
.border{ border-color:rgb(209, 130, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 130, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 130, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 130, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 130,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 161.1450, 17.1835, 41.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 130, 196) }
```

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

```
.background{ background-color: rgb(209,  
130, 196) }
```

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