

Converting Colors

YUV(177.2570, 3.8173, 35.7316)

Have a look what the booklet for
YUV(177.2570, 3.8173, 35.7316)
contains.

YUV(177.2570, 3.8173, 35.7316)	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(177.2570, 3.8173,
35.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9BB9
RGB	218, 155, 185
RGB Percent	85%, 61%, 73%
CMY	0.1451, 0.3922, 0.2745
CMYK	0.00, 0.29, 0.15, 0.15
HSL	331°, 46%, 73%
HSV	331°, 29%, 85%
XYZ	49.3917, 41.8509, 51.3737
YIQ	177.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

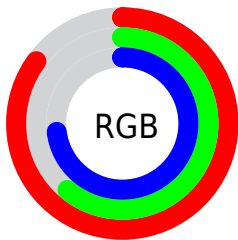
Format	Color
R_{YB}	218, 155, 185
Decimal	14326713
CIE Lab	70.77, 27.98, -6.10
CIE LCh	71, 28.641, 347.702
Yxy	41.8509, 0.3463, 0.2935
Android (android.graphics.Color)	4292516793 (0xFFDA9BB9)
YUV	177.2570, 3.8173, 35.7316
Hunter-Lab	64.6923, 23.0711, -1.7991

Details

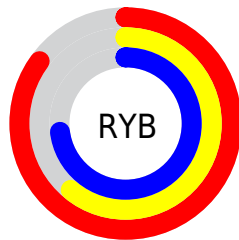
The YUV color **177.2570, 3.8173, 35.7316** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.7430, -3.8173, -35.7316**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.9890, 6.9074, 24.5656**, and **123.9470, 3.9701, 33.3725** is the 20% darker color. If you saturate the color by 10%, you get **163.0890, 5.3791, 48.1569**, and if you desaturate by 10%, it is **191.4250, 2.2555, 23.3063**.

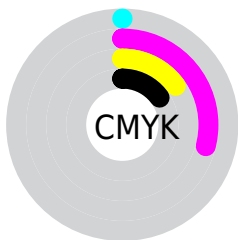
Distribution



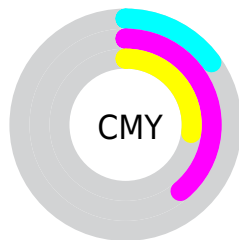
- Red (85%)
- Green (61%)
- Blue (73%)



- Red (85%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.2570, 3.8173, 35.7316 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 177.2570, 3.8173, 35.7316 by changing the saturation by 10% instead.

 177.2570, 3.8173,
35.7316


 177.2570, 3.8173,
35.7316

255.0000, 0.0000,
0.0000


 150.5450, 3.6753,
34.6020


 226.9890, 6.9074,
24.5656


 123.9470, 3.9701,
33.3725

 245.0210, 4.9196,
8.7516

 98.3490, 4.2649,
32.1429

 73.7510, 4.5598,
30.9134

 50.1530, 4.8546,
29.6838

 26.0820, 5.8756,
28.8691

 13.8980, 1.5293,

22.8915

■ 0.0000, 0.0000,
0.0000

■ 177.2570, 3.8173,
35.7316

■ 177.2570, 3.8173,
35.7316

■ 163.0890, 5.3791,
48.1569

■ 191.4250, 2.2555,
23.3063

■ 148.8070, 6.5041,
60.6823

■ 205.7070, 1.1304,
10.7810

■ 135.2260, 7.7766,
72.5928

■ 219.2880, -0.1420,
-1.1296

■ 120.9440, 8.9016,
85.1181

■ 233.5700, -1.2670,
-13.6549

■ 106.7760, 10.4634,
97.5434

■ 242.4550, -0.2243,
-21.4470

■ 92.4940, 11.5885,
110.0688

■ 243.8230, 5.0173,
-22.6468

■ 78.3260, 13.1503,
122.4941

■ 243.9370, 5.4541,
-22.7467

■ 77.0380, 13.2923,
123.6237

Harmonies

Analogous

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



176.8230, 15.3703, 16.8182



177.2570, 3.8173, 35.7316



176.0980, -8.4293, 43.7641

Triad

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



177.2570, 3.8173, 35.7316



169.9580, -23.1503, 5.2988



161.6520, 24.3286, -56.6998

Complementary

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



177.2570, 3.8173, 35.7316



195.7430, -3.8173, -35.7316

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.



160.1930, 13.7089, -57.1743



177.2570, 3.8173, 35.7316



166.6930, -14.6386, -18.1478

Square

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



177.2570, 3.8173, 35.7316



173.0360, -24.6677, 25.4014



163.1060, -1.0383, -40.4350



167.8700, 27.1791, -37.5970

Rectangle

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



177.2570, 3.8173, 35.7316



175.0240, -16.2808, 42.0750



163.1060, -1.0383, -40.4350



160.2450, 21.5712, -58.9739

Sweetspot

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



177.2570, 3.8173, 35.7316



240.1310, 1.4144, 13.0401



172.0490, 22.6538, 13.9890



118.2830, 0.8465, 8.5218



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.



177.2570, 3.8173, 35.7316



197.3990, 5.2263, 50.5161



174.4240, -9.5760, 38.2162



102.8590, 0.5625, 6.2627



61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Inverse Universe

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



177.2570, 3.8173, 35.7316



197.3990, 5.2263, 50.5161



198.5760, 9.5760, -38.2162



102.8590, 0.5625, 6.2627



61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 177.2570, 3.8173, 35.7316 looks on a white background.

Color Contrast Check

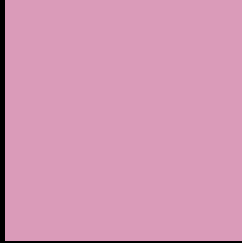
Large Text (above 18pt) WCAG AA × Fail

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 177.2570, 3.8173, 35.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

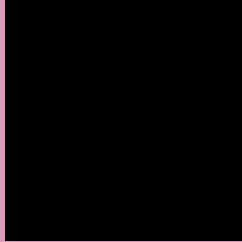
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.2570, 3.8173, 35.7316

Background



This preview shows how black text looks on a background with the YUV color 177.2570, 3.8173, 35.7316.



This preview shows how white text looks on a background with the YUV color 177.2570, 3.8173,

35.7316.

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

177.2570, 3.8173, 35.7316

Protanopia

174.1380, 10.7780, -3.6290

Deuteranopia

175.0920, 3.8986, 9.5663



Tritanopia

176.7100, -3.3080, 34.4573

Trichromacy



Original Color

177.2570, 3.8173, 35.7316

Protanomaly

175.2430, 8.2612, 10.3109

Deuteranomaly

175.8590, 4.0135, 19.4177

Tritanomaly

176.9920, -0.9821, 35.0870

Monochromacy



Original Color

177.2570, 3.8173, 35.7316

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.2570, 3.8173, 35.7316 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(218, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(218, 155, 185)  
}
```

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(218, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 155, 185) }
```

Border

The CSS property to change the border of an element to YUV 177.2570, 3.8173, 35.7316 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(218, 155, 185) }
```


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

```
.border{ border-color:rgb(218, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(218, 155,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 177.2570, 3.8173, 35.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 155, 185) }
```

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

```
.background{ background-color: rgb(218,  
155, 185) }
```

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