

Converting Colors

YUV(177.9230, -6.3710,
36.9015)

Have a look what the booklet for
YUV(177.9230, -6.3710, 36.9015)
contains.

YUV(177.9230, -6.3710, 36.9015)	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(177.9230, -6.3710,
36.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9FA5
RGB	220, 159, 165
RGB Percent	86%, 62%, 65%
CMY	0.1373, 0.3765, 0.3529
CMYK	0.00, 0.28, 0.25, 0.14
HSL	354°, 47%, 74%
HSV	354°, 28%, 86%
XYZ	48.7049, 42.7285, 41.2777
YIQ	177.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

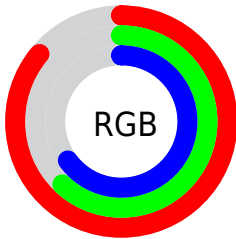
Format	Color
R _Y B	220, 159, 165
Decimal	14458789
CIE Lab	71.37, 23.52, 5.89
CIE LCh	71, 24.242, 14.061
Yxy	42.7285, 0.3670, 0.3220
Android (android.graphics.Color)	4292648869 (0xFFDC9FA5)
YUV	177.9230, -6.3710, 36.9015
Hunter-Lab	65.3671, 18.6076, 8.3167

Details

The YUV color **177.9230, -6.3710, 36.9015** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.0770, 6.3710, -36.9015**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.9430, -3.4229, 24.6060**, and **124.7270, -5.7814, 34.4424** is the 20% darker color. If you saturate the color by 10%, you get **162.7290, -8.7404, 50.2267**, and if you desaturate by 10%, it is **193.1170, -4.0017, 23.5764**.

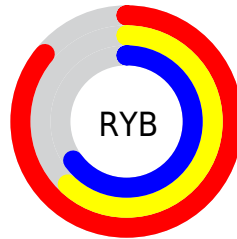
Distribution



Red (86%)

Green (62%)

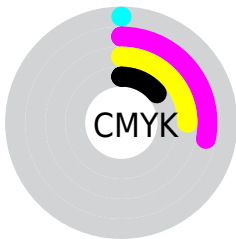
Blue (65%)



Red (86%)

Yellow (62%)

Blue (65%)

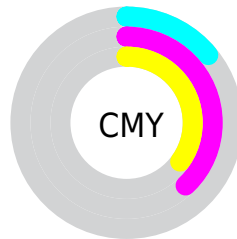


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (14%)



Cyan (14%)

Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9230, -6.3710, 36.9015 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 177.9230, -6.3710, 36.9015 by changing the saturation by 10% instead.


 177.9230, -6.3710,
36.9015


 177.9230, -6.3710,
36.9015


255.0000, 0.0000,
0.0000


 151.3250, -6.0762,
35.6720


 226.9430, -3.4229,
24.6060


 124.7270, -5.7814,
34.4424

 247.1580, 0.4151,
6.8774

 99.2430, -5.0498,
33.1129

 75.0470, -4.4602,
30.6538

 51.5630, -3.7286,
29.3242

 28.1930, -2.5601,
27.8947

 11.9600, -5.8963,

24.5911

■ 0.0000, 0.0000,
0.0000

■ 177.9230, -6.3710,
36.9015

■ 177.9230, -6.3710,
36.9015

■ 162.7290, -8.7404,
50.2267

■ 193.1170, -4.0017,
23.5764

■ 147.5350,
-11.1098, 63.5518

■ 208.3110, -1.6323,
10.2513

■ 132.3410,
-13.4791, 76.8769

■ 223.5050, 0.7370,
-3.0739

■ 117.2610,
-15.4117, 90.1021

■ 238.5850, 2.6696,
-16.2990

■ 102.0670,
-17.7810, 103.4272

■ 244.5350, 5.1592,
-21.5172

■ 86.8730, -20.1504,
116.7524

■ 71.6790, -22.5197,
130.0775

■ 68.2880, -22.8200,
133.0514

Harmonies

Analogous

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



178.6260, 4.1284, 29.2690



177.9230, -6.3710, 36.9015



176.7950, -15.6749, 34.3828

Triad

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



177.9230, -6.3710, 36.9015



170.0680, -13.3445, -13.2146



170.1650, 23.0897, -32.5937

Complementary

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



177.9230, -6.3710, 36.9015



201.0770, 6.3710, -36.9015

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.



165.7520, 19.3493, -46.2635



177.9230, -6.3710, 36.9015



166.8190, -2.3758, -31.4133

Square

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



177.9230, -6.3710, 36.9015



172.7670, -20.0981, 6.3433



164.9450, 9.8871, -44.6788



174.7270, 20.8406, -11.1616

Rectangle

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



177.9230, -6.3710, 36.9015



175.7250, -19.5844, 28.3052



164.9450, 9.8871, -44.6788



168.3060, 22.5271, -38.8564

Sweetspot

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



177.9230, -6.3710, 36.9015



241.2080, -2.0745, 12.0956



182.3990, 18.5373, 27.7141



119.0010, -1.4795, 7.8921



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.



177.9230, -6.3710, 36.9015



197.0280, -8.8878, 50.8414



191.3270, -15.9372, 25.1462



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.3240, -4.5967, 27.7799

Inverse Universe

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



177.9230, -6.3710, 36.9015



197.0280, -8.8878, 50.8414



187.6730, 15.9372, -25.1462



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 177.9230, -6.3710, 36.9015 looks on a white background.

Color Contrast Check

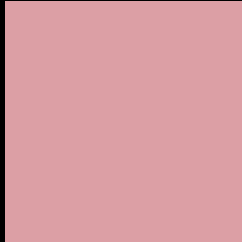
Large Text (above 18pt) WCAG AA × Fail

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 177.9230, -6.3710, 36.9015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

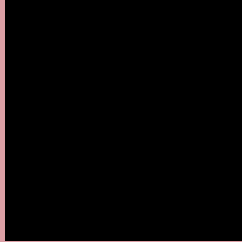
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.9230, -6.3710, 36.9015

Background



This preview shows how black text looks on a background with the YUV color 177.9230, -6.3710, 36.9015.



This preview shows how white text looks on a background with the YUV color 177.9230, -6.3710,

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

177.9230, -6.3710, 36.9015

Protanopia

175.0820, -1.0264, 2.5591

Deuteranopia

176.3890, -6.6008, 17.1988



Tritanopia

178.2050, -4.0451, 37.5312

Trichromacy



Original Color

177.9230, -6.3710, 36.9015

Protanomaly

176.2900, -3.1010, 14.6547

Deuteranomaly

176.8460, -6.3331, 24.6911

Tritanomaly

177.9770, -4.9187, 37.7312

Monochromacy



Original Color

177.9230, -6.3710, 36.9015

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9230, -6.3710, 36.9015 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(220, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(220, 159, 165)  
}
```

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(220, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 159, 165) }
```

Border

The CSS property to change the border of an element to YUV 177.9230, -6.3710, 36.9015 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(220, 159, 165) }
```


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

```
.border{ border-color:rgb(220, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(220, 159,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 177.9230, -6.3710, 36.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 159, 165) }
```

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

```
.background{ background-color: rgb(220,  
159, 165) }
```

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