

Converting Colors

YUV(179.7910, 17.3580,
32.6323)

Have a look what the booklet for
YUV(179.7910, 17.3580, 32.6323)
contains.

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Color

**YUV(179.7910, 17.3580,
32.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	D99AD7
RGB	217, 154, 215
RGB Percent	85%, 60%, 84%
CMY	0.1490, 0.3961, 0.1569
CMYK	0.00, 0.29, 0.01, 0.15
HSL	302°, 45%, 73%
HSV	302°, 29%, 85%
XYZ	52.4366, 42.7692, 69.7816
YIQ	179.7910, 17.9670, 32.3270

Conversions

Conversions Part 2

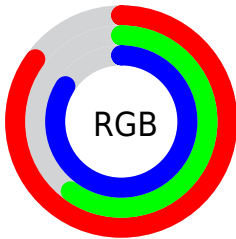
Format	Color
RYB	217, 154, 215
Decimal	14260951
CIELab	71.40, 33.36, -21.75
CIELCh	71, 39.827, 326.902
Yxy	42.7692, 0.3178, 0.2592
Android (android.graphics.Color)	4292451031 (0xFFD99AD7)
YUV	179.7910, 17.3580, 32.6323
Hunter-Lab	65.3982, 28.6755, -17.4852

Details

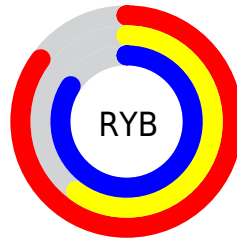
The YUV color $179.7910, 17.3580, 32.6323$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $191.2090, -17.3580, -32.6323$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9980, 13.3120, 23.6808$, and $126.2530, 16.6373, 30.4731$ is the 20% darker color. If you saturate the color by 10%, you get $166.7630, 23.2878, 44.0578$, and if you desaturate by 10%, it is $192.8190, 11.4282, 21.2067$.

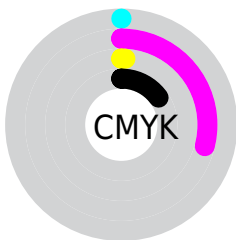
Distribution



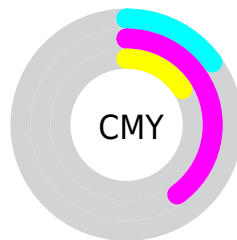
- Red (85%)
- Green (60%)
- Blue (84%)



- Red (85%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.7910, 17.3580, 32.6323 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 179.7910, 17.3580, 32.6323 by changing the saturation by 10% instead.


 179.7910, 17.3580,
32.6323


 179.7910, 17.3580,
32.6323


255.0000, 0.0000,
0.0000


 152.9650, 16.7793,
31.6027


 227.9980, 13.3120,
23.6808


 126.2530, 16.6373,
30.4731

 245.0210, 4.9196,
8.7516

 100.5410, 16.4953,
29.3435

 75.7150, 15.9165,
28.3139

 51.4160, 16.0639,
27.6992

 26.3560, 17.0795,
28.6288

 15.8080, 11.4337,

19.4624

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 179.7910, 17.3580,
32.6323

■ 179.7910, 17.3580,
32.6323

■ 166.7630, 23.2878,
44.0578

■ 192.8190, 11.4282,
21.2067

■ 154.4360, 29.3651,
54.8686

■ 205.1460, 5.3510,
10.3960

■ 141.4080, 35.2949,
66.2942

■ 218.1740, -0.5788,
-1.0296

■ 128.3800, 41.2247,
77.7197

■ 231.2020, -6.5086,
-12.4552

■ 116.0530, 47.3019,
88.5305

■ 239.4200,
-10.5601, -19.6623

■ 103.0250, 53.2317,
99.9561

■ 239.5340,
-10.1233, -19.7623

■ 89.9970, 59.1615,
111.3816

■ 239.6480, -9.6865,
-19.8623

■ 88.8230, 59.7403,
112.4112

■ 239.7620, -9.2497,
-19.9623

Harmonies

Analogous

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



177.1160, 31.0018, -3.6097



179.7910, 17.3580, 32.6323



178.8680, 0.5581, 54.4898

Triad

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



179.7910, 17.3580, 32.6323



172.4030, -34.7087, 25.9566



137.3620, 33.8385, -120.4665

Complementary

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



179.7910, 17.3580, 32.6323



191.2090, -17.3580, -32.6323

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.



154.4870, 7.6479, -73.2181



179.7910, 17.3580, 32.6323



169.1820, -29.6697, -3.6676

Square

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



179.7910, 17.3580, 32.6323



175.2130, -29.6850, 48.0482



163.2840, -14.4370, -36.2061



149.6930, 42.0564, -96.2008

Rectangle

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



179.7910, 17.3580, 32.6323



177.6270, -10.6621, 59.9631



163.2840, -14.4370, -36.2061



143.2840, 25.4960, -104.6121

Sweetspot

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



179.7910, 17.3580, 32.6323



241.3850, 6.2192, 11.9404



161.4810, 27.3709, -5.6838



119.0810, 3.9041, 7.8220



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.



179.7910, 17.3580, 32.6323



202.4150, 24.4454, 46.1170



176.2570, 3.8173, 35.7316



103.4290, 2.7465, 5.7628



70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Inverse Universe

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



179.7910, 17.3580, 32.6323



202.4150, 24.4454, 46.1170



194.7430, -3.8173, -35.7316



103.4290, 2.7465, 5.7628



70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 179.7910, 17.3580, 32.6323 looks on a white background.

Color Contrast Check

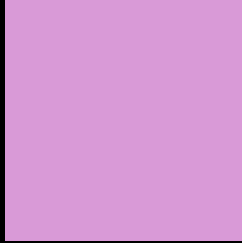
Large Text (above 18pt) WCAG AA × Fail

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 179.7910, 17.3580, 32.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

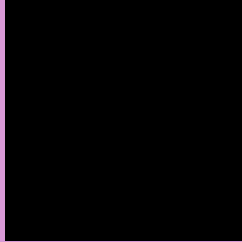
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.7910, 17.3580, 32.6323

Background



This preview shows how black text looks on a background with the YUV color 179.7910, 17.3580, 32.6323.



This preview shows how white text looks on a background with the YUV color 179.7910, 17.3580,

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

179.7910, 17.3580, 32.6323

Protanopia

175.4970, 26.3770, -13.5909

Deuteranopia

176.5710, 17.4665, -2.2548



Tritanopia

178.3180, -2.1288, 29.5391

Trichromacy



Original Color

179.7910, 17.3580, 32.6323



Protanomaly

177.0970, 23.1232, 3.4229



Deuteranomaly

177.9470, 17.2811, 10.5705



Tritanomaly

178.8650, 4.9966, 30.8134

Monochromacy



Original Color

179.7910, 17.3580, 32.6323



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7910, 17.3580, 32.6323 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(217, 154, 215)` looks like.

```
.text, #text, p{  
    color:rgb(217, 154, 215)  
}
```

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(217, 154, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 154, 215) }
```

Border

The CSS property to change the border of an element to YUV 179.7910, 17.3580, 32.6323 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(217, 154, 215) }
```


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

```
.border{ border-color:rgb(217, 154, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 154, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 154, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 154, 215);  
box-shadow:4px 4px 4px 4px rgb(217, 154,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 179.7910, 17.3580, 32.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 154, 215) }
```

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

```
.background{ background-color: rgb(217,  
154, 215) }
```

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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