

Converting Colors

YUV(180.2870, 11.6905,
30.4433)

Have a look what the booklet for
YUV(180.2870, 11.6905, 30.4433)
contains.

YUV(180.2870, 11.6905, 30.4433)	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(180.2870, 11.6905,
30.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	D79ECC
RGB	215, 158, 204
RGB Percent	84%, 62%, 80%
CMY	0.1569, 0.3804, 0.2000
CMYK	0.00, 0.27, 0.05, 0.16
HSL	312°, 42%, 73%
HSV	312°, 27%, 84%
XYZ	51.1503, 43.2604, 62.7809
YIQ	180.2870, 19.2060, 26.3900

Conversions

Conversions Part 2

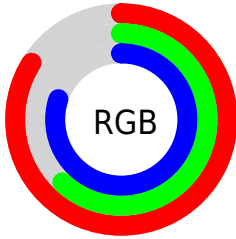
Format	Color
R _Y B	215, 158, 204
Decimal	14130892
CIE Lab	71.73, 28.55, -15.20
CIE LCh	72, 32.342, 331.962
Yxy	43.2604, 0.3254, 0.2752
Android (android.graphics.Color)	4292320972 (0xFFD79ECC)
YUV	180.2870, 11.6905, 30.4433
Hunter-Lab	65.7727, 23.7143, -10.5523

Details

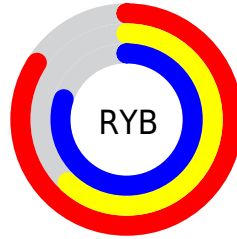
The YUV color **180.2870, 11.6905, 30.4433** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.7130, -11.6905, -30.4433**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **127.1620, 11.2591, 28.7989** is the 20% darker color. If you saturate the color by 10%, you get **167.5040, 16.0205, 41.6540**, and if you desaturate by 10%, it is **193.6570, 7.0711, 18.7178**.

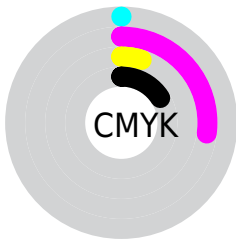
Distribution



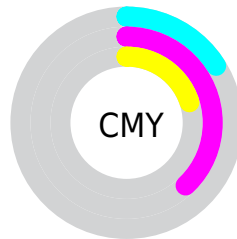
- Red (84%)
- Green (62%)
- Blue (80%)



- Red (84%)
- Yellow (62%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.2870, 11.6905, 30.4433 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 180.2870, 11.6905, 30.4433 by changing the saturation by 10% instead.


 180.2870, 11.6905,
30.4433

 180.2870, 11.6905,
30.4433


255.0000, 0.0000,
0.0000


 153.5750, 11.5485,
29.3137


 230.3460, 12.1544,
21.6216


 127.1620, 11.2591,
28.7989

 247.3690, 3.7621,
6.6924

 101.4500, 11.1172,
27.6694

 76.7380, 10.9752,
26.5398

 53.0260, 10.8332,
25.4102

 29.1400, 11.2700,
25.3102

 14.8960, 7.9393,

20.2622

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 180.2870, 11.6905,
30.4433

■ 180.2870, 11.6905,
30.4433

■ 167.5040, 16.0205,
41.6540

■ 193.6570, 7.0711,
18.7178

■ 154.1340, 20.6399,
53.3795

■ 206.4400, 2.7411,
7.5071

■ 141.3510, 24.9700,
64.5902

■ 219.8100, -1.8783,
-4.2184

■ 127.8670, 29.1526,
76.4156

■ 232.7070, -5.7716,
-15.5290

■ 115.0840, 33.4826,
87.6263

■ 239.6200, -7.2077,
-21.5917

■ 101.7140, 38.1020,
99.3518

■ 240.0760, -5.4605,
-21.9917

■ 88.9310, 42.4320,
110.5625

■ 240.5320, -3.7133,
-22.3916

■ 84.1210, 44.3103,
114.7809

■ 240.9880, -1.9661,
-22.7915

■ 241.4440, -0.2189,
-23.1914

Harmonies

Analogous

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



178.2110, 23.5600, 3.3230



180.2870, 11.6905, 30.4433



179.7160, -2.3250, 45.8531

Triad

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



180.2870, 11.6905, 30.4433



174.0690, -28.1350, 17.4795



158.6240, 23.3564, -71.5842

Complementary

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



180.2870, 11.6905, 30.4433



192.7130, -11.6905, -30.4433

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.



161.2870, 7.7465, -58.1337



180.2870, 11.6905, 30.4433



170.4080, -22.3861, -6.4968

Square

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



180.2870, 11.6905, 30.4433



175.9990, -25.1425, 37.7119



165.9730, -9.3537, -33.3023



164.0630, 31.0279, -58.8143

Rectangle

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



180.2870, 11.6905, 30.4433



178.9200, -11.7926, 49.1822



165.9730, -9.3537, -33.3023



158.7830, 18.8410, -69.9697

Sweetspot

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



180.2870, 11.6905, 30.4433



242.8040, 4.0406, 10.6959



167.4880, 23.4234, 0.4490



120.0270, 2.4517, 6.9923



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.



180.2870, 11.6905, 30.4433



205.0420, 16.7413, 43.8132



177.0950, -0.5398, 33.2427



100.3150, 2.3097, 5.8627



66.8610, 35.0715, 91.3299



16.8470, 8.9494, 22.9362

Inverse Universe

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



180.2870, 11.6905, 30.4433



205.0420, 16.7413, 43.8132



195.9050, 0.5398, -33.2427



100.3150, 2.3097, 5.8627



66.8610, 35.0715, 91.3299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 180.2870, 11.6905, 30.4433 looks on a white background.

Color Contrast Check

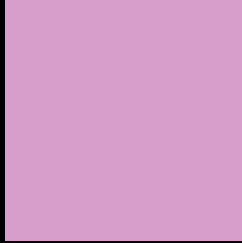
Large Text (above 18pt) WCAG AA × Fail

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 180.2870, 11.6905, 30.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

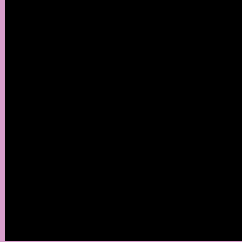
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.2870, 11.6905, 30.4433

Background



This preview shows how black text looks on a background with the YUV color 180.2870, 11.6905, 30.4433.



This preview shows how white text looks on a background with the YUV color 180.2870, 11.6905,

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

180.2870, 11.6905, 30.4433

Protanopia

176.5810, 18.9406, -8.4025

Deuteranopia

177.9970, 11.3405, 2.6336



Tritanopia

178.8340, -1.3972, 28.2096

Trichromacy



Original Color

180.2870, 11.6905, 30.4433

Protanomaly

177.6860, 16.4238, 5.5374

Deuteranomaly

178.7640, 11.4553, 12.4850

Tritanomaly

179.0990, 3.4022, 28.8542

Monochromacy



Original Color

180.2870, 11.6905, 30.4433

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2170, 4.3300, 11.2107

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2870, 11.6905, 30.4433 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(215, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(215, 158, 204)  
}
```

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(215, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 158, 204) }
```

Border

The CSS property to change the border of an element to YUV 180.2870, 11.6905, 30.4433 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(215, 158, 204) }
```


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

```
.border{ border-color:rgb(215, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 158,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 180.2870, 11.6905, 30.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 158, 204) }
```

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

```
.background{ background-color: rgb(215,  
158, 204) }
```

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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