

Converting Colors

YUV(204.5800, 10.5601,
19.6623)

Have a look what the booklet for
YUV(204.5800, 10.5601, 19.6623)
contains.

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Color

**YUV(204.5800, 10.5601,
19.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BDE2
RGB	227, 189, 226
RGB Percent	89%, 74%, 89%
CMY	0.1098, 0.2588, 0.1137
CMYK	0.00, 0.17, 0.00, 0.11
HSL	302°, 40%, 82%
HSV	302°, 17%, 89%
XYZ	63.6036, 58.2171, 79.8363
YIQ	204.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

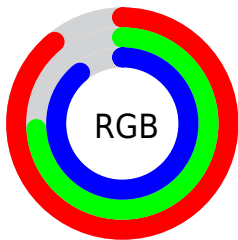
Format	Color
R _{YB}	227, 189, 226
Decimal	14925282
CIE Lab	80.86, 19.84, -13.35
CIE LCh	81, 23.914, 326.069
Yxy	58.2171, 0.3154, 0.2887
Android (android.graphics.Color)	4293115362 (0xFFE3BDE2)
YUV	204.5800, 10.5601, 19.6623
Hunter-Lab	76.3001, 15.2720, -8.6277

Details

The YUV color $204.5800, 10.5601, 19.6623$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $211.4200, -10.5601, -19.6623$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.8939, 5.1480$, and $149.8680, 10.4181, 18.5328$ is the 20% darker color. If you saturate the color by 10%, you get $190.9650, 16.7793, 31.6027$, and if you desaturate by 10%, it is $218.1950, 4.3409, 7.7220$.

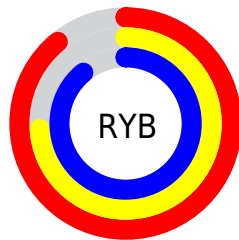
Distribution



Red (89%)

Green (74%)

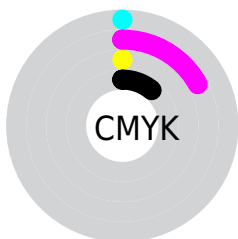
Blue (89%)



Red (89%)

Yellow (74%)

Blue (89%)

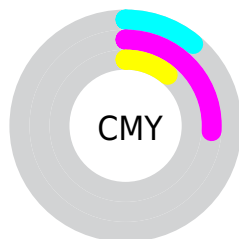


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (26%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.5800, 10.5601, 19.6623 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 204.5800, 10.5601, 19.6623 by changing the saturation by 10% instead.

 204.5800, 10.5601,
19.6623


 204.5800, 10.5601,
19.6623


255.0000, 0.0000,
0.0000


 177.1670, 10.2707,
19.1475

 249.1300, 2.8939,
5.1480


 149.8680, 10.4181,
18.5328

 124.3410, 9.6919,
18.1179

 98.9280, 9.4025,
17.6031

 75.2160, 9.2605,
16.4736

 51.8030, 8.9711,
15.9588

 30.0910, 8.8291,

14.8292

■ 11.7490, 7.5187,
15.1291

■ 0.0000, 0.0000,
0.0000

■ 204.5800, 10.5601,
19.6623

■ 204.5800, 10.5601,
19.6623

■ 190.9650, 16.7793,
31.6027

■ 218.1950, 4.3409,
7.7220

■ 178.0510, 23.1459,
42.9283

■ 231.1090, -2.0257,
-3.6036

■ 164.4360, 29.3651,
54.8686

■ 243.5500, -7.6661,
-14.5143

■ 150.9350, 36.0210,
66.7090

■ 243.6640, -7.2294,
-14.6143

■ 137.9070, 41.9508,
78.1346

■ 243.7780, -6.7926,
-14.7143

■ 124.2920, 48.1700,
90.0749

■ 243.8920, -6.3558,
-14.8143

■ 110.7910, 54.8260,
101.9153

■ 97.1760, 61.0452,
113.8556

■ 93.0670, 63.0710,
117.4592

Harmonies

Analogous

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



202.6250, 18.9189, -1.4251



204.5800, 10.5601, 19.6623



204.6220, 0.1864, 33.6575

Triad

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



204.5800, 10.5601, 19.6623



200.0890, -21.7359, 18.3389



191.3730, 14.1131, -46.8081

Complementary

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



204.5800, 10.5601, 19.6623



211.4200, -10.5601, -19.6623

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.



192.0400, 2.4453, -37.7461



204.5800, 10.5601, 19.6623



197.4780, -18.4767, -0.4192

Square

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



204.5800, 10.5601, 19.6623



202.2740, -18.8691, 32.2087



194.9360, -9.8284, -20.9919



193.9420, 21.2276, -42.0451

Rectangle

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



204.5800, 10.5601, 19.6623



203.9940, -7.3920, 37.7163



194.9360, -9.8284, -20.9919



191.6460, 10.0345, -45.2935

Sweetspot

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



204.5800, 10.5601, 19.6623



247.3690, 3.7621, 6.6924



193.6310, 16.4509, -3.1844



123.1900, 1.8783, 4.2184



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.



204.5800, 10.5601, 19.6623



224.9490, 14.3221, 26.3547



202.4140, 2.2609, 21.5619



107.8420, 3.0359, 6.2776



73.3570, 49.6170, 92.6489



20.9490, 14.3221, 26.3547

Inverse Universe

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



204.5800, 10.5601, 19.6623



224.9490, 14.3221, 26.3547



213.5860, -2.2609, -21.5619



107.8420, 3.0359, 6.2776



73.3570, 49.6170, 92.6489



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 204.5800, 10.5601, 19.6623 looks on a white background.

Color Contrast Check

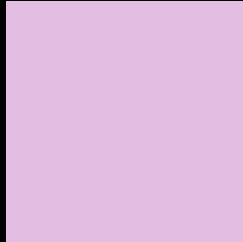
Large Text (above 18pt) WCAG AA × Fail

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 204.5800, 10.5601, 19.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

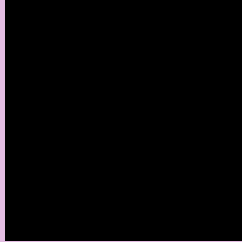
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.5800, 10.5601, 19.6623

Background



This preview shows how black text looks on a background with the YUV color 204.5800, 10.5601, 19.6623.



This preview shows how white text looks on a background with the YUV color 204.5800, 10.5601,

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

204.5800, 10.5601, 19.6623

Protanopia

201.6800, 15.4408, -5.8584

Deuteranopia

203.1930, 10.7509, 5.0927



Tritanopia

203.2780, 1.8349, 18.1732

Trichromacy



Original Color

204.5800, 10.5601, 19.6623

Protanomaly

202.5780, 13.5190, 3.8781

Deuteranomaly

203.5250, 10.5872, 10.9406

Tritanomaly

203.7880, 5.0345, 18.6029

Monochromacy



Original Color

204.5800, 10.5601, 19.6623

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.7820, 4.0515, 7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5800, 10.5601, 19.6623 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(227, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 226)  
}
```

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(227, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 226) }
```

Border

The CSS property to change the border of an element to YUV 204.5800, 10.5601, 19.6623 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(227, 189, 226) }
```


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

```
.border{ border-color:rgb(227, 189, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 204.5800, 10.5601, 19.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 226) }
```

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

```
.background{ background-color: rgb(227,  
189, 226) }
```

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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