

Converting Colors

YUV(205.4550, 10.1287,
18.0180)

Have a look what the booklet for
YUV(205.4550, 10.1287, 18.0180)
contains.

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Color

**YUV(205.4550, 10.1287,
18.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BFE2
RGB	226, 191, 226
RGB Percent	89%, 75%, 89%
CMY	0.1137, 0.2510, 0.1137
CMYK	0.00, 0.15, 0.00, 0.11
HSL	300°, 38%, 82%
HSV	300°, 15%, 89%
XYZ	63.7223, 58.9213, 79.9659
YIQ	205.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

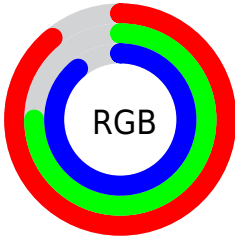
Format	Color
R _Y B	226, 191, 226
Decimal	14860258
CIE Lab	81.25, 18.44, -12.78
CIE LCh	81, 22.430, 325.280
Yxy	58.9213, 0.3145, 0.2908
Android (android.graphics.Color)	4293050338 (0xFFE2BFE2)
YUV	205.4550, 10.1287, 18.0180
Hunter-Lab	76.7602, 13.8509, -8.0339

Details

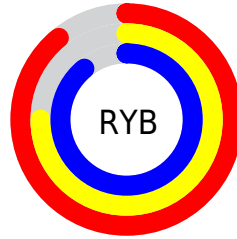
The YUV color $205.4550, 10.1287, 18.0180$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $211.5450, -10.1287, -18.0180$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $150.7430, 9.9867, 16.8884$ is the 20% darker color. If you saturate the color by 10%, you get $191.9540, 16.7847, 29.8583$, and if you desaturate by 10%, it is $218.9560, 3.4727, 6.1776$.

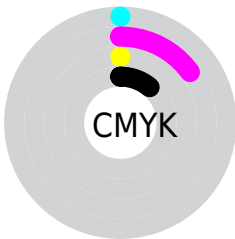
Distribution



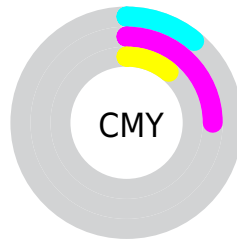
- Red (89%)
- Green (75%)
- Blue (89%)



- Red (89%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4550, 10.1287, 18.0180 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 205.4550, 10.1287, 18.0180 by changing the saturation by 10% instead.

 205.4550, 10.1287,
18.0180


 205.4550, 10.1287,
18.0180

255.0000, 0.0000,
0.0000


 178.0420, 9.8393,
17.5032

 250.3040, 2.3151,
4.1184

 150.7430, 9.9867,
16.8884

 125.2160, 9.2605,
16.4736

 99.8030, 8.9711,
15.9588

 76.0910, 8.8291,
14.8292

 52.6780, 8.5397,
14.3144

 30.9660, 8.3978,

13.1848

■ 11.4500, 7.6662,
14.5144

■ 0.0000, 0.0000,
0.0000

■ 205.4550, 10.1287,
18.0180

■ 205.4550, 10.1287,
18.0180

■ 191.9540, 16.7847,
29.8583

■ 218.9560, 3.4727,
6.1776

■ 179.0400, 23.1513,
41.1839

■ 231.8700, -2.8939,
-5.1480

■ 165.5390, 29.8073,
53.0243

■ 243.0230, -8.3923,
-14.9292

■ 152.6250, 36.1739,
64.3499

■ 139.1240, 42.8299,
76.1903

■ 125.6230, 49.4859,
88.0306

■ 112.7090, 55.8525,
99.3562

■ 99.2080, 62.5085,
111.1966

■ 93.3380, 65.4024,
116.3446

Harmonies

Analogous

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



203.6850, 17.9033, -2.3547



205.4550, 10.1287, 18.0180



205.6110, 0.1918, 31.9132

Triad

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



205.4550, 10.1287, 18.0180



201.1320, -20.2781, 17.4242



193.6400, 12.5025, -43.5343

Complementary

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



205.4550, 10.1287, 18.0180



211.5450, -10.1287, -18.0180

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.



194.2360, 1.8557, -35.2870



205.4550, 10.1287, 18.0180



199.1190, -17.3137, -0.1044

Square

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



205.4550, 10.1287, 18.0180



203.6050, -17.5533, 30.1644



196.3600, -9.5445, -18.7327



195.3230, 20.0538, -38.8713

Rectangle

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



205.4550, 10.1287, 18.0180



205.2110, -6.5130, 35.7720



196.3600, -9.5445, -18.7327



193.4400, 9.1501, -41.6049

Sweetspot

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



205.4550, 10.1287, 18.0180



247.3690, 3.7621, 6.6924



194.9900, 15.2879, -3.4992



123.3040, 2.3151, 4.1184



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.



205.4550, 10.1287, 18.0180



226.8240, 13.8908, 24.7104



203.5170, 2.7031, 19.7176



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



205.4550, 10.1287, 18.0180



226.8240, 13.8908, 24.7104



213.5970, -2.2663, -19.8176



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 205.4550, 10.1287, 18.0180 looks on a white background.

Color Contrast Check

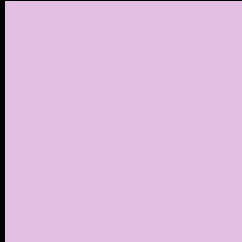
Large Text (above 18pt) WCAG AA × Fail

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 205.4550, 10.1287, 18.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

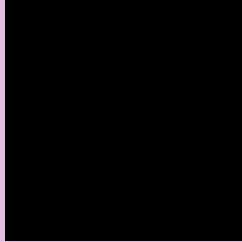
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.4550, 10.1287, 18.0180

Background



This preview shows how black text looks on a background with the YUV color 205.4550, 10.1287, 18.0180.



This preview shows how white text looks on a background with the YUV color 205.4550, 10.1287,

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

205.4550, 10.1287, 18.0180

Protanopia

202.7510, 14.4198, -5.0436

Deuteranopia

204.3780, 10.1666, 5.8075



Tritanopia

204.6800, 2.1298, 16.9436

Trichromacy



Original Color

205.4550, 10.1287, 18.0180

Protanomaly

204.0510, 12.7929, 3.4633

Deuteranomaly

204.6990, 10.0084, 9.9110

Tritanomaly

205.0760, 4.8925, 17.4733

Monochromacy



Original Color

205.4550, 10.1287, 18.0180

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.3690, 3.7621, 6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4550, 10.1287, 18.0180 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(226, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 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(226, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 226) }
```

Border

The CSS property to change the border of an element to YUV 205.4550, 10.1287, 18.0180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

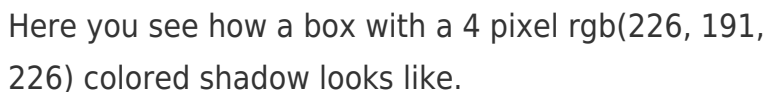
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 191, 226) }
```


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

```
.border{ border-color:rgb(226, 191, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 205.4550, 10.1287, 18.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 226) }
```

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

```
.background{ background-color: rgb(226,  
191, 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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