

# Converting Colors

YUV(205.5840, 17.9531,  
28.4288)

Have a look what the booklet for  
YUV(205.5840, 17.9531, 28.4288)  
contains.

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# Color

**YUV(205.5840, 17.9531,  
28.4288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB6F2
RGB	238, 182, 242
RGB Percent	93%, 71%, 95%
CMY	0.0667, 0.2863, 0.0510
CMYK	0.02, 0.25, 0.00, 0.05
HSL	296°, 70%, 83%
HSV	296°, 25%, 95%
XYZ	68.0149, 58.0438, 91.6232
YIQ	205.5840, 14.1160, 30.5320

# Conversions

## Conversions Part 2

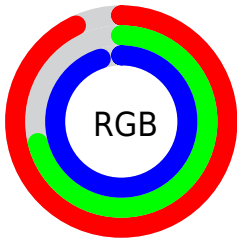
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 182, 242
Decimal	15644402
CIE Lab	80.76, 30.14, -21.99
CIE LCh	81, 37.308, 323.892
Yxy	58.0438, 0.3125, 0.2666
Android (android.graphics.Color)	4293834482 (0xFFEEB6F2)
YUV	205.5840, 17.9531, 28.4288
Hunter-Lab	76.1865, 26.0280, -17.9726

# Details

The YUV color  $205.5840, 17.9531, 28.4288$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $218.4160, -17.9531, -28.4288$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.0210, 4.9196, 8.7516$ , and  $151.0460, 17.2323, 26.2697$  is the 20% darker color. If you saturate the color by 10%, you get  $190.8980, 25.1933, 39.5545$ , and if you desaturate by 10%, it is  $220.2700, 10.7129, 17.3032$ .

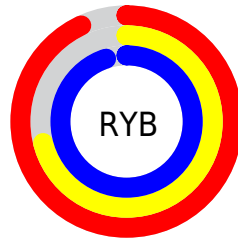
# Distribution



Red (93%)

Green (71%)

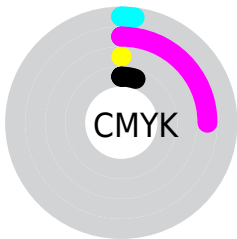
Blue (95%)



Red (93%)

Yellow (71%)

Blue (95%)

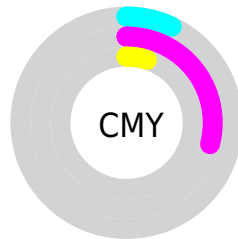


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (29%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 205.5840, 17.9531, 28.4288 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 205.5840, 17.9531, 28.4288 by changing the saturation by 10% instead.





 205.5840, 17.9531,  
28.4288


 205.5840, 17.9531,  
28.4288


255.0000, 0.0000,  
0.0000


 177.8720, 17.8111,  
27.2993


 245.0210, 4.9196,  
8.7516

 151.0460, 17.2323,  
26.2697

 124.6330, 16.9429,  
25.7549

 99.1060, 16.2167,  
25.3400

 74.3940, 16.0748,  
24.2105

 50.6820, 15.9328,  
23.0809

 26.6820, 15.9328,

23.0809

■ 14.4980, 11.5865,  
17.1033

■ 2.1830, 5.8258,  
-1.9145

■ 205.5840, 17.9531,  
28.4288

■ 205.5840, 17.9531,  
28.4288

■ 190.8980, 25.1933,  
39.5545

■ 220.2700, 10.7129,  
17.3032

■ 176.5110, 32.2861,  
51.2949

■ 234.6570, 3.6201,  
5.5628

■ 161.2380, 39.8157,  
62.9353

■ 249.9300, -3.9095,  
-6.0776

■ 146.8510, 46.9085,  
74.6757

■ 250.2290, -4.0569,  
-5.4628

132.1650, 54.1487,  
85.8013

250.8270, -4.3517,  
-4.2333

117.4790, 61.3889,  
96.9269

251.4250, -4.6465,  
-3.0037

103.0920, 68.4816,  
108.6673

251.7240, -4.7939,  
-2.3889

95.1620, 72.3911,  
114.7449

252.3220, -5.0887,  
-1.1594

252.9200, -5.3836,  
0.0702

# Harmonies

## Analogous

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



201.2530, 26.4973, -5.4839



205.5840, 17.9531, 28.4288



202.7960, 3.0586, 45.7829

# Triad

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



205.5840, 17.9531, 28.4288



199.0550, -33.5511, 28.0158



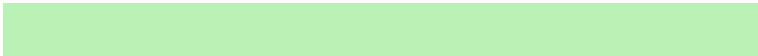
178.6500, 23.8366, -85.6390

# Complementary

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



205.5840, 17.9531, 28.4288



218.4160, -17.9531, -28.4288

# 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.



184.2280, 3.8316, -62.4670



205.5840, 17.9531, 28.4288



195.6170, -29.3912, 0.3359

# Square

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



205.5840, 17.9531, 28.4288



200.7830, -27.5010, 47.5483



190.5620, -16.0531, -31.1879



183.0820, 35.4556, -79.0019



# Rectangle

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



205.5840, 17.9531, 28.4288



199.4730, -7.1352, 48.6972



190.5620, -16.0531, -31.1879



180.3750, 17.5631, -80.1359

# Sweetspot

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



205.5840, 17.9531, 28.4288



244.1350, 5.3564, 8.6516



191.1880, 25.0503, -8.0579



121.2440, 3.3307, 5.0480



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.



205.5840, 17.9531, 28.4288



208.8930, 22.7308, 36.0508



203.8160, 6.0067, 33.4874



112.6570, 3.6201, 5.5628



72.1050, 55.1642, 86.7309



21.9320, 16.7955, 26.3696



# Inverse Universe

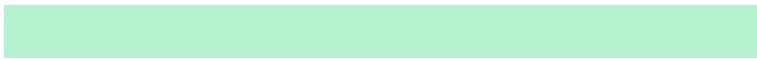
The Inverse Universe completely reimagines the original color for something new.



200.3960, -7.0972, 36.4867



202.2940, -9.0189, 46.2232



220.1840, -6.0067, -33.4874



111.7020, -1.3321, 7.2773



56.3840, -21.8813, 111.9192



17.2000, -6.5076, 34.0276



# Previews

## White Background



This preview shows how the YUV color 205.5840, 17.9531, 28.4288 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

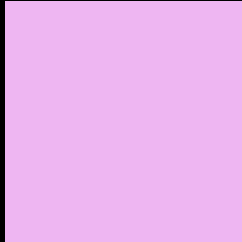
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 205.5840, 17.9531, 28.4288 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

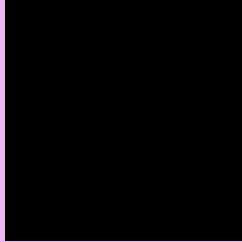
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 205.5840, 17.9531, 28.4288

## Background



This preview shows how black text looks on a background with the YUV color 205.5840, 17.9531, 28.4288.



This preview shows how white text looks on a background with the YUV color 205.5840, 17.9531,

28.4288.

# 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

205.5840, 17.9531, 28.4288

### Protanopia

201.6820, 25.7928, -12.8761

### Deuteranopia

202.3970, 18.0453, -1.2252



## Tritanopia

203.8660, 0.0661, 25.5505

# Trichromacy



## Original Color

205.5840, 17.9531, 28.4288



## Protanomaly

203.3850, 22.9812, 2.2934



## Deuteranomaly

203.4630, 18.0127, 9.2409



## Tritanomaly

204.2990, 6.7546, 26.9248

# Monochromacy



## Original Color

205.5840, 17.9531, 28.4288



## Achromatopsia

206.0000, 0.0000, 0.0000



## Achromatomaly

205.7870, 6.5140, 10.7108

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 205.5840, 17.9531, 28.4288 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(238, 182, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 242)  
}
```

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(238, 182, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 242) }
```

## Border

The CSS property to change the border of an element to YUV 205.5840, 17.9531, 28.4288 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(238, 182, 242) }
```



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

```
.border{ border-color:rgb(238, 182, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 182, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 182, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 182, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 182,  
242) }
```

# Background

The CSS property to change the background color of an element to YUV 205.5840, 17.9531, 28.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 242) }
```

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

```
.background{ background-color: rgb(238,  
182, 242) }
```

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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