

# Converting Colors

YUV(188.4250, 5.7065, 36.4613)

Have a look what the booklet for  
YUV(188.4250, 5.7065, 36.4613)  
contains.

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# Color

**YUV(188.4250, 5.7065,  
36.4613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A5C8
RGB	230, 165, 200
RGB Percent	90%, 65%, 78%
CMY	0.0980, 0.3529, 0.2157
CMYK	0.00, 0.28, 0.13, 0.10
HSL	328°, 57%, 77%
HSV	328°, 28%, 90%
XYZ	56.5136, 47.9034, 60.9113
YIQ	188.4250, 27.5050, 24.6650

# Conversions

## Conversions Part 2

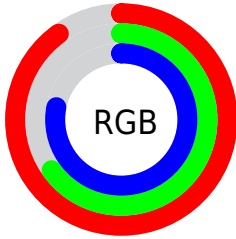
Format	Color
R <sub>Y</sub> B	230, 165, 200
Decimal	15115720
CIE Lab	74.76, 29.22, -8.30
CIE LCh	75, 30.377, 344.134
Yxy	47.9034, 0.3418, 0.2897
Android (android.graphics.Color)	4293305800 (0xFFE6A5C8)
YUV	188.4250, 5.7065, 36.4613
Hunter-Lab	69.2123, 24.6283, -3.7304

# Details

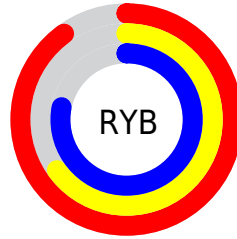
The YUV color **188.4250, 5.7065, 36.4613** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **206.5750, -5.7065, -36.4613**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **134.4140, 5.7119, 34.7169** is the 20% darker color. If you saturate the color by 10%, you get **173.6700, 7.5577, 49.4014**, and if you desaturate by 10%, it is **203.1800, 3.8553, 23.5211**.

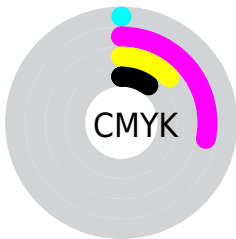
# Distribution



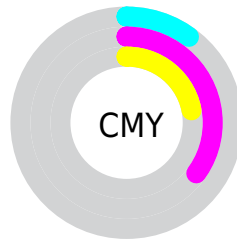
- Red (90%)
- Green (65%)
- Blue (78%)



- Red (90%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.4250, 5.7065, 36.4613 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 188.4250, 5.7065, 36.4613 by changing the saturation by 10% instead.




 188.4250, 5.7065,  
36.4613


 188.4250, 5.7065,  
36.4613

255.0000, 0.0000,  
0.0000

 160.8270, 6.0013,  
35.2317

 235.0420, 9.8393,  
17.5032


 134.4140, 5.7119,  
34.7169

 251.4780, 1.7363,  
3.0888

 108.4030, 5.7173,  
32.9726

 83.8050, 6.0121,  
31.7430

 59.2070, 6.3069,  
30.5135

 35.6090, 6.6018,  
29.2839

 17.0600, 5.8864,

25.3804

■ 4.7840, -2.3585,  
9.8364

■ 0.0000, 0.0000,  
0.0000

■ 188.4250, 5.7065,  
36.4613

■ 188.4250, 5.7065,  
36.4613

■ 173.6700, 7.5577,  
49.4014

■ 203.1800, 3.8553,  
23.5211

■ 159.0290, 9.8457,  
62.2416

■ 217.8210, 1.5672,  
10.6810

■ 144.2740, 11.6969,  
75.1817

■ 232.5760, -0.2840,  
-2.2592

■ 129.6330, 13.9849,  
88.0219

■ 246.0430, -1.9932,  
-14.0697

■ 114.8780, 15.8361,  
100.9620

■ 247.2970, 2.8116,  
-15.1695

■ 100.1230, 17.6874,  
113.9021

■ 247.5250, 3.6852,  
-15.3694

■ 85.4820, 19.9754,  
126.7423

■ 82.9060, 20.2593,  
129.0014

# Harmonies

## Analogous

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



187.4960, 17.9965, 14.4740



188.4250, 5.7065, 36.4613



187.6360, -7.7085, 45.9232

# Triad

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



188.4250, 5.7065, 36.4613



180.6980, -25.4871, 8.1579



170.5480, 25.3658, -62.7476

# Complementary

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



188.4250, 5.7065, 36.4613



206.5750, -5.7065, -36.4613

# 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.



170.0570, 13.2829, -60.5630



188.4250, 5.7065, 36.4613



177.7210, -17.1175, -16.4183

# Square

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



188.4250, 5.7065, 36.4613



183.7160, -25.9890, 29.1901



173.3510, -2.6380, -40.6498



177.1080, 29.5268, -43.9447



# Rectangle

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



188.4250, 5.7065, 36.4613



186.1600, -15.8549, 45.4637



173.3510, -2.6380, -40.6498



169.3260, 22.0243, -64.3069

# Sweetspot

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



188.4250, 5.7065, 36.4613



242.2340, 1.8566, 11.1958



181.0810, 24.1171, 11.3300



119.6850, 1.1413, 7.2923



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.



188.4250, 5.7065, 36.4613



199.3710, 7.7051, 48.7866



184.7770, -8.2711, 39.6606



107.2720, 0.8519, 6.7775



64.4650, 15.5468, 100.4472



18.3270, 4.2758, 28.6542



# Inverse Universe

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



188.4250, 5.7065, 36.4613



199.3710, 7.7051, 48.7866



210.2230, 8.2711, -39.6606



107.2720, 0.8519, 6.7775



64.4650, 15.5468, 100.4472



18.3270, 4.2758, 28.6542



# Previews

## White Background



This preview shows how the YUV color 188.4250, 5.7065, 36.4613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

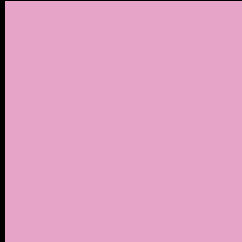
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.4250, 5.7065, 36.4613 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

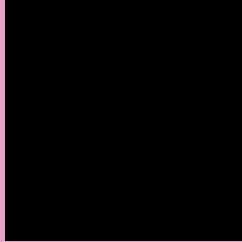
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.4250, 5.7065, 36.4613

## Background



This preview shows how black text looks on a background with the YUV color 188.4250, 5.7065, 36.4613.



This preview shows how white text looks on a background with the YUV color 188.4250, 5.7065,



# 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

188.4250, 5.7065, 36.4613

### Protanopia

184.9960, 12.8200, -5.2585

### Deuteranopia

186.1350, 5.3564, 8.6516



## Tritanopia

187.4220, -3.1660, 35.5869

# Trichromacy



## Original Color

188.4250, 5.7065, 36.4613



## Protanomaly

186.1120, 10.2978, 10.4258



## Deuteranomaly

186.9020, 5.4713, 18.5029



## Tritanomaly

187.9320, 0.0335, 36.0166

# Monochromacy



## Original Color

188.4250, 5.7065, 36.4613



## Achromatopsia

188.0000, 0.0000, 0.0000



## Achromatomaly

188.2450, 1.8512, 12.9401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.4250, 5.7065, 36.4613 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(230, 165, 200)` looks like.

```
.text, #text, p{  
    color:rgb(230, 165, 200)  
}
```

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(230, 165, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 165, 200) }
```

## Border

The CSS property to change the border of an element to YUV 188.4250, 5.7065, 36.4613 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(230, 165, 200) }
```



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

```
.border{ border-color:rgb(230, 165, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 165, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 165, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 165, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 165,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 188.4250, 5.7065, 36.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 165, 200) }
```

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

```
.background{ background-color: rgb(230,  
165, 200) }
```

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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