

# Converting Colors

YUV(204.6600, -0.8184,  
29.2392)

Have a look what the booklet for  
YUV(204.6600, -0.8184, 29.2392)  
contains.

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# Color

**YUV(204.6600, -0.8184,  
29.2392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBCCB
RGB	238, 188, 203
RGB Percent	93%, 74%, 80%
CMY	0.0667, 0.2627, 0.2039
CMYK	0.00, 0.21, 0.15, 0.07
HSL	342°, 60%, 84%
HSV	342°, 21%, 93%
XYZ	64.0226, 58.4554, 64.4086
YIQ	204.6600, 24.9850, 15.2650

# Conversions

## Conversions Part 2

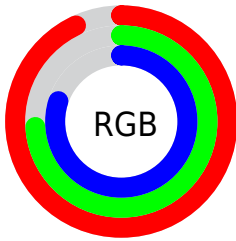
Format	Color
R <sub>Y</sub> B	238, 188, 203
Decimal	15645899
CIE Lab	80.99, 20.23, -0.66
CIE LCh	81, 20.242, 358.122
Yxy	58.4554, 0.3426, 0.3128
Android (android.graphics.Color)	4293835979 (0xFFEEBCCB)
YUV	204.6600, -0.8184, 29.2392
Hunter-Lab	76.4561, 15.6736, 3.5719

# Details

The YUV color  $204.6600, -0.8184, 29.2392$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $221.3400, 0.8184, -29.2392$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.5430, 3.1833, 5.6628$ , and  $150.0620, -0.5236, 28.0096$  is the 20% darker color. If you saturate the color by 10%, you get  $188.6340, -1.2986, 43.2940$ , and if you desaturate by 10%, it is  $220.6860, -0.3382, 15.1844$ .

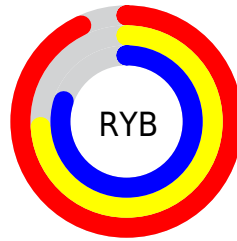
# Distribution



Red (93%)

Green (74%)

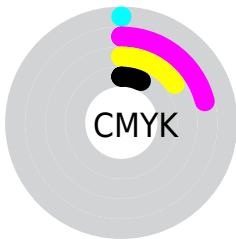
Blue (80%)



Red (93%)

Yellow (74%)

Blue (80%)

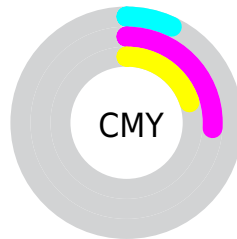


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (26%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 204.6600, -0.8184, 29.2392 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 204.6600, -0.8184, 29.2392 by changing the saturation by 10% instead.




 204.6600, -0.8184,  
29.2392


 204.6600, -0.8184,  
29.2392


255.0000, 0.0000,  
0.0000

 177.0620, -0.5236,  
28.0096


 248.5430, 3.1833,  
5.6628

 150.0620, -0.5236,  
28.0096

 124.0510, -0.5181,  
26.2653

 98.7520, -0.3707,  
25.6505

 74.8550, 0.0715,  
23.8062

 51.2570, 0.3663,  
22.5766

 29.6590, 0.6611,

21.3471

■ 11.1490, -2.5385,  
20.9173

■ 0.0000, 0.0000,  
0.0000

■ 204.6600, -0.8184,  
29.2392

■ 204.6600, -0.8184,  
29.2392

■ 188.6340, -1.2986,  
43.2940

■ 220.6860, -0.3382,  
15.1844

■ 172.7220, -1.3419,  
57.2488

■ 236.5980, -0.2948,  
1.2296

■ 157.2830, -2.1115,  
70.7888

■ 249.6890, 1.6323,  
-10.2513

■ 141.2570, -2.5917,  
84.8436

■ 249.9170, 2.5059,  
-10.4512

■ 125.3450, -2.6351,  
98.7984

■ 109.3190, -3.1153,  
112.8532

■ 93.2930, -3.5954,  
126.9080

■ 79.2560, -4.0702,  
139.2185

# Harmonies

## Analogous

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



204.5860, 8.0921, 17.9031



204.6600, -0.8184, 29.2392



203.9780, -9.8492, 32.4683

# Triad

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



204.6600, -0.8184, 29.2392



198.3900, -14.9823, -1.2190



195.9000, 18.2903, -33.2383

# Complementary

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



204.6600, -0.8184, 29.2392



221.3400, 0.8184, -29.2392

# 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.



194.1460, 11.7600, -38.7160



204.6600, -0.8184, 29.2392



196.2290, -7.5079, -18.6178

# Square

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



204.6600, -0.8184, 29.2392



200.3920, -17.9413, 14.5652



194.0730, 2.4290, -32.5130



199.6290, 19.4099, -18.9686



# Rectangle

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



204.6600, -0.8184, 29.2392



203.4030, -14.4957, 29.4646



194.0730, 2.4290, -32.5130



195.4220, 16.5540, -36.3271

# Sweetspot

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



204.6600, -0.8184, 29.2392



244.9410, -0.4639, 8.8217



204.1650, 16.6807, 16.5183



121.9190, -0.4531, 5.3330



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.



204.6600, -0.8184, 29.2392



212.3020, -1.1349, 37.4461



208.8200, -10.2643, 25.5909



111.9300, -0.4585, 7.0774



61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279



# Inverse Universe

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



204.6600, -0.8184, 29.2392



212.3020, -1.1349, 37.4461



217.1800, 10.2643, -25.5909



111.9300, -0.4585, 7.0774



61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279



# Previews

## White Background



This preview shows how the YUV color 204.6600, -0.8184, 29.2392 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

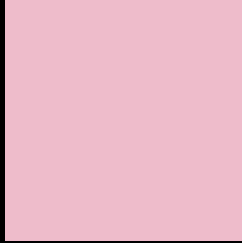
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.6600, -0.8184, 29.2392 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

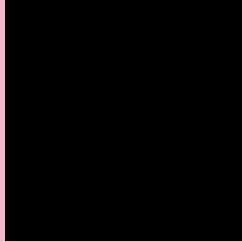
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 204.6600, -0.8184, 29.2392

## Background



This preview shows how black text looks on a background with the YUV color 204.6600, -0.8184, 29.2392.



This preview shows how white text looks on a background with the YUV color 204.6600, -0.8184,



# 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

204.6600, -0.8184, 29.2392

### Protanopia

201.7380, 4.0732, 0.2298

### Deuteranopia

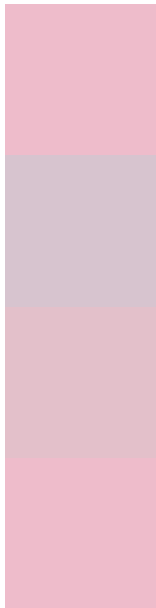
203.2730, -0.6276, 14.6696



## Tritanopia

204.6600, -0.8184, 29.2392

# Trichromacy



## Original Color

204.6600, -0.8184, 29.2392

## Protanomaly

202.9350, 2.0040, 10.5810

## Deuteranomaly

203.6050, -0.7913, 20.5174

## Tritanomaly

204.6600, -0.8184, 29.2392

# Monochromacy



## Original Color

204.6600, -0.8184, 29.2392

## Achromatopsia

205.0000, 0.0000, 0.0000

## Achromatomaly

204.9520, -0.4693, 10.5661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.6600, -0.8184, 29.2392 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, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 203)  
}
```

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, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 203) }
```

## Border

The CSS property to change the border of an element to YUV 204.6600, -0.8184, 29.2392 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, 188, 203) }
```



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

```
.border{ border-color:rgb(238, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 204.6600, -0.8184, 29.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 203) }
```

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

```
.background{ background-color: rgb(238,  
188, 203) }
```

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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