

Converting Colors

YUV(215.6600, -0.8184,
29.2392)

Have a look what the booklet for
YUV(215.6600, -0.8184, 29.2392)
contains.

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Color

**YUV(215.6600, -0.8184,
29.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C7D6
RGB	249, 199, 214
RGB Percent	98%, 78%, 84%
CMY	0.0235, 0.2196, 0.1608
CMYK	0.00, 0.20, 0.14, 0.02
HSL	342°, 81%, 88%
HSV	342°, 20%, 98%
XYZ	71.6279, 65.8416, 72.5518
YIQ	215.6600, 24.9850, 15.2650

Conversions

Conversions Part 2

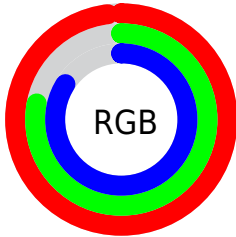
Format	Color
R _Y B	249, 199, 214
Decimal	16369622
CIE Lab	84.92, 20.03, -0.69
CIE LCh	85, 20.038, 358.015
Yxy	65.8416, 0.3411, 0.3135
Android (android.graphics.Color)	4294559702 (0xFFF9C7D6)
YUV	215.6600, -0.8184, 29.2392
Hunter-Lab	81.1429, 15.5689, 3.7873

Details

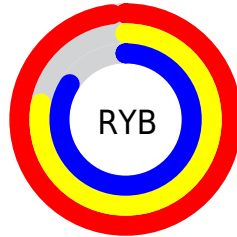
The YUV color $215.6600, -0.8184, 29.2392$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $232.3400, 0.8184, -29.2392$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.6490, -0.8130, 27.4948$ is the 20% darker color. If you saturate the color by 10%, you get $199.0470, -1.0092, 43.8088$, and if you desaturate by 10%, it is $232.2730, -0.6276, 14.6696$.

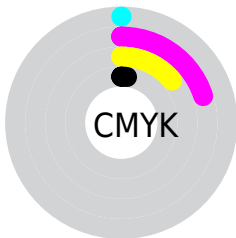
Distribution



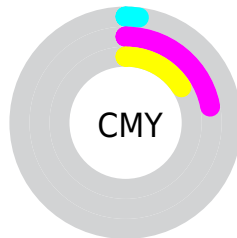
- Red (98%)
- Green (78%)
- Blue (84%)



- Red (98%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6600, -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 215.6600, -0.8184, 29.2392 by changing the saturation by 10% instead.

 215.6600, -0.8184,
29.2392

 215.6600, -0.8184,
29.2392


255.0000, 0.0000,
0.0000

 187.9480, -0.9604,
28.1096

 160.6490, -0.8130,
27.4948

 134.3500, -0.6655,
26.8801

 108.7520, -0.3707,
25.6505

 84.1540, -0.0759,
24.4209

 60.5560, 0.2189,
23.1914

 37.9580, 0.5137,

21.9618

■ 15.1860, 1.3873,
21.7619

■ 0.0000, 0.0000,
0.0000

■ 215.6600, -0.8184,
29.2392

■ 215.6600, -0.8184,
29.2392

■ 199.0470, -1.0092,
43.8088

■ 232.2730, -0.6276,
14.6696

■ 182.3200, -1.6368,
58.4784

■ 249.0000, 0.0000,
0.0000

■ 165.7070, -1.8276,
73.0480

■ 253.2060, 0.8844,
-3.6887

■ 148.9800, -2.4551,
87.7175

■ 132.9540, -2.9353,
101.7723

■ 116.2270, -3.5629,
116.4419

■ 99.6140, -3.7537,
131.0115

■ 83.0010, -3.9445,
145.5811

Harmonies

Analogous

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



215.5860, 8.0921, 17.9031



215.6600, -0.8184, 29.2392



214.9780, -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.



215.6600, -0.8184, 29.2392



209.2760, -15.4191, -1.1191



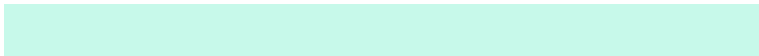
206.7860, 17.8535, -33.1383

Complementary

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



215.6600, -0.8184, 29.2392



232.3400, 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.



205.4450, 11.6126, -38.1013



215.6600, -0.8184, 29.2392



207.1150, -7.9447, -18.5179

Square

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



215.6600, -0.8184, 29.2392



211.2780, -18.3781, 14.6652



205.3720, 2.2816, -31.8982



210.5150, 18.9731, -18.8687

Rectangle

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



215.6600, -0.8184, 29.2392



213.8160, -14.2063, 29.9794



205.3720, 2.2816, -31.8982



206.3080, 16.1172, -36.2271

Sweetspot

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



215.6600, -0.8184, 29.2392



244.9410, -0.4639, 8.8217



215.1650, 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.



215.6600, -0.8184, 29.2392



214.2910, -1.1295, 35.7018



219.8200, -10.2643, 25.5909



116.3430, -0.1691, 7.5922



63.0090, -2.9624, 110.4941



20.2910, -1.1295, 35.7018

Inverse Universe

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



215.6600, -0.8184, 29.2392



214.2910, -1.1295, 35.7018



228.1800, 10.2643, -25.5909



116.3430, -0.1691, 7.5922



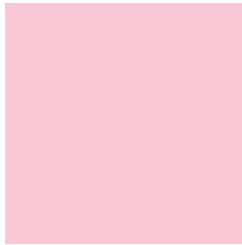
63.0090, -2.9624, 110.4941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 215.6600, -0.8184, 29.2392 looks on a white background.

Color Contrast Check

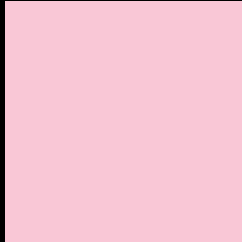
Large Text (above 18pt) WCAG AA × Fail

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 215.6600, -0.8184, 29.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

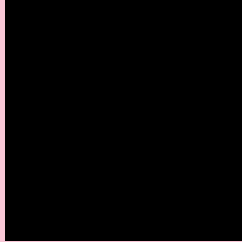
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.6600, -0.8184, 29.2392

Background



This preview shows how black text looks on a background with the YUV color 215.6600, -0.8184, 29.2392.



This preview shows how white text looks on a background with the YUV color 215.6600, -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

215.6600, -0.8184, 29.2392

Protanopia

213.0370, 3.9258, 0.8446

Deuteranopia

214.5720, -0.7750, 15.2844



Tritanopia

215.6600, -0.8184, 29.2392

Trichromacy



Original Color

215.6600, -0.8184, 29.2392

Protanomaly

214.2340, 1.8566, 11.1958

Deuteranomaly

214.6050, -0.7913, 20.5174

Tritanomaly

215.6600, -0.8184, 29.2392

Monochromacy



Original Color

215.6600, -0.8184, 29.2392

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9520, -0.4693, 10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6600, -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(249, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 214)  
}
```

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(249, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 214) }
```

Border

The CSS property to change the border of an element to YUV 215.6600, -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(249, 199, 214) }
```


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

```
.border{ border-color:rgb(249, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 215.6600, -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(249, 199, 214) }
```

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

```
.background{ background-color: rgb(249,  
199, 214) }
```

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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