

Converting Colors

YUV(213.5300, 16.5007,
27.5992)

Have a look what the booklet for
YUV(213.5300, 16.5007, 27.5992)
contains.

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Color

**YUV(213.5300, 16.5007,
27.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BFF7
RGB	245, 191, 247
RGB Percent	96%, 75%, 97%
CMY	0.0392, 0.2510, 0.0314
CMYK	0.01, 0.23, 0.00, 0.03
HSL	298°, 78%, 86%
HSV	298°, 23%, 97%
XYZ	73.0755, 63.3895, 96.3796
YIQ	213.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

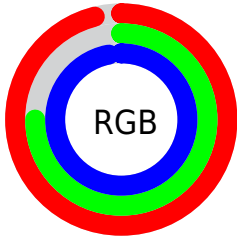
Format	Color
R _Y B	245, 191, 247
Decimal	16105463
CIE Lab	83.65, 28.54, -20.23
CIE LCh	84, 34.980, 324.674
Yxy	63.3895, 0.3138, 0.2722
Android (android.graphics.Color)	4294295543 (0xFFFF5BFF7)
YUV	213.5300, 16.5007, 27.5992
Hunter-Lab	79.6175, 24.5023, -16.0402

Details

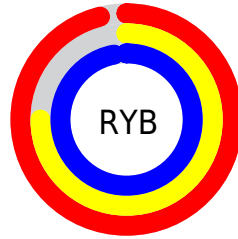
The YUV color $213.5300, 16.5007, 27.5992$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $224.4700, -16.5007, -27.5992$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 2.0257, 3.6036$, and $158.4050, 16.0693, 25.9548$ is the 20% darker color. If you saturate the color by 10%, you get $198.5560, 23.8829, 39.8544$, and if you desaturate by 10%, it is $228.5040, 9.1185, 15.3440$.

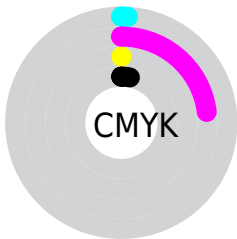
Distribution



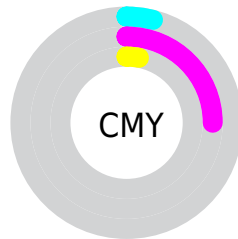
- Red (96%)
- Green (75%)
- Blue (97%)



- Red (96%)
- Yellow (75%)
- Blue (97%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.5300, 16.5007, 27.5992 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 213.5300, 16.5007, 27.5992 by changing the saturation by 10% instead.

 213.5300, 16.5007,
27.5992


 213.5300, 16.5007,
27.5992


255.0000, 0.0000,
0.0000


 185.7040, 15.9219,
26.5696


 250.8910, 2.0257,
3.6036

 158.4050, 16.0693,
25.9548

 131.8780, 15.3431,
25.5400

 106.1660, 15.2012,
24.4104

 81.4540, 15.0592,
23.2808

 57.6280, 14.4804,
22.2512

 34.2150, 14.1910,

21.7364

■ 15.7370, 12.4547,
18.6477

■ 2.2800, 8.7360,
-1.9996

■ 213.5300, 16.5007,
27.5992

■ 213.5300, 16.5007,
27.5992

■ 198.5560, 23.8829,
39.8544

■ 228.5040, 9.1185,
15.3440

■ 184.1690, 30.9757,
51.5948

■ 242.8910, 2.0257,
3.6036

■ 169.1950, 38.3579,
63.8500

■ 251.9950, -2.4625,
-3.5036

■ 154.2210, 45.7400,
76.1052

■ 252.2940, -2.6099,
-2.8888

140.1330, 52.6854,
88.4604

252.5930, -2.7573,
-2.2741

125.1590, 60.0676,
100.7156

252.8920, -2.9048,
-1.6593

110.1850, 67.4498,
112.9708

253.1910, -3.0522,
-1.0445

99.3200, 72.8062,
121.6224

253.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



208.9390, 22.7081, -3.4545



213.5300, 16.5007, 27.5992



208.8770, 3.5116, 40.4499

Triad

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



213.5300, 16.5007, 27.5992



206.9130, -31.5091, 26.3863



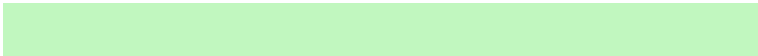
190.2490, 22.0622, -76.5174

Complementary

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



213.5300, 16.5007, 27.5992



224.4700, -16.5007, -27.5992

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.



193.8480, 3.5259, -57.7487



213.5300, 16.5007, 27.5992



203.7740, -27.4966, -0.6788

Square

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



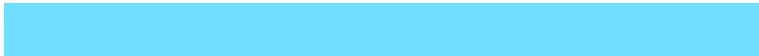
213.5300, 16.5007, 27.5992



207.3200, -25.3008, 41.8154



198.9150, -14.7481, -29.7435



193.4700, 30.3343, -69.6952

Rectangle

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



213.5300, 16.5007, 27.5992



206.2550, -6.5347, 42.7494



198.9150, -14.7481, -29.7435



191.3760, 16.0836, -72.2438

Sweetspot

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



213.5300, 16.5007, 27.5992



244.1350, 5.3564, 8.6516



199.1450, 23.5925, -7.1432



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.



213.5300, 16.5007, 27.5992



213.8990, 20.2628, 34.2916



211.2780, 5.2859, 31.3282



114.9560, 3.4727, 6.1776



75.0240, 54.7112, 92.0640



23.7690, 17.3689, 29.1436

Inverse Universe

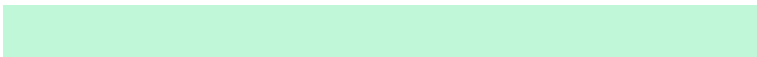
The Inverse Universe completely reimagines the original color for something new.



207.9720, -7.3812, 34.2276



206.9730, -8.8607, 42.1197



226.7220, -5.2859, -31.3282



113.7020, -1.3321, 7.2773



56.4120, -24.3601, 113.6487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 213.5300, 16.5007, 27.5992 looks on a white background.

Color Contrast Check

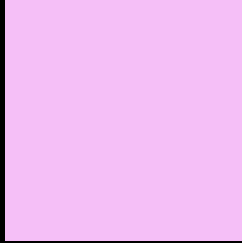
Large Text (above 18pt) WCAG AA × Fail

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 213.5300, 16.5007, 27.5992 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 213.5300, 16.5007, 27.5992

Background



This preview shows how black text looks on a background with the YUV color 213.5300, 16.5007, 27.5992.



This preview shows how white text looks on a background with the YUV color 213.5300, 16.5007,

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

213.5300, 16.5007, 27.5992

Protanopia

209.7810, 22.2930, -10.3319

Deuteranopia

211.0660, 16.7295, 0.8191



Tritanopia

211.6810, 0.6503, 24.8358

Trichromacy



Original Color

213.5300, 16.5007, 27.5992



Protanomaly

211.0000, 20.2130, 3.5080



Deuteranomaly

211.8330, 16.8443, 10.6705



Tritanomaly

212.4730, 6.1758, 25.8952

Monochromacy



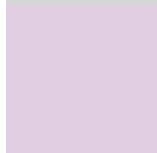
Original Color

213.5300, 16.5007, 27.5992



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5300, 16.5007, 27.5992 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(245, 191, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 247)  
}
```

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(245, 191, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 247) }
```

Border

The CSS property to change the border of an element to YUV 213.5300, 16.5007, 27.5992 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(245, 191, 247) }
```


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

```
.border{ border-color:rgb(245, 191, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 213.5300, 16.5007, 27.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 247) }
```

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

```
.background{ background-color: rgb(245,  
191, 247) }
```

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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