

Converting Colors

YUV(212.3600, 21.0215,
24.2403)

Have a look what the booklet for
YUV(212.3600, 21.0215, 24.2403)
contains.

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Color

**YUV(212.3600, 21.0215,
24.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BEFF
RGB	240, 190, 255
RGB Percent	94%, 75%, 100%
CMY	0.0588, 0.2549, 0.0000
CMYK	0.06, 0.25, 0.00, 0.00
HSL	286°, 100%, 87%
HSV	286°, 25%, 100%
XYZ	72.3986, 62.5722, 102.8696
YIQ	212.3600, 8.9350, 30.8150

Conversions

Conversions Part 2

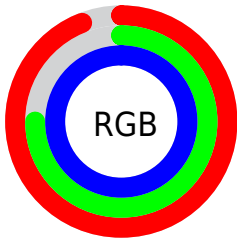
Format	Color
R _Y B	240, 190, 255
Decimal	15777535
CIE _{Lab}	83.22, 28.97, -25.18
CIE _{LCh}	83, 38.390, 319.003
Yxy	62.5722, 0.3044, 0.2631
Android (android.graphics.Color)	4293967615 (0xFFFF0BEFF)
YUV	212.3600, 21.0215, 24.2403
Hunter-Lab	79.1026, 24.9426, -21.7323

Details

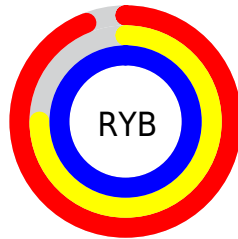
The YUV color $212.3600, 21.0215, 24.2403$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.6400, -21.0215, -24.2403$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $157.1210, 20.1533, 22.6959$ is the 20% darker color. If you saturate the color by 10%, you get $195.8910, 29.1407, 33.4216$, and if you desaturate by 10%, it is $229.4160, 12.6129, 14.5442$.

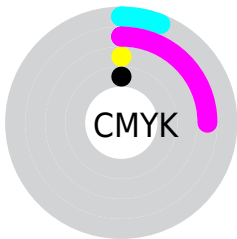
Distribution



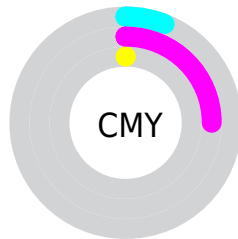
- Red (94%)
- Green (75%)
- Blue (100%)



- Red (94%)
- Yellow (75%)
- Blue (100%)



- Cyan (6%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.3600, 21.0215, 24.2403 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 212.3600, 21.0215, 24.2403 by changing the saturation by 10% instead.


 212.3600, 21.0215,
24.2403


 212.3600, 21.0215,
24.2403


255.0000, 0.0000,
0.0000


 184.5340, 20.4427,
23.2107


 250.3040, 2.3151,
4.1184

 157.1210, 20.1533,
22.6959

 130.7080, 19.8640,
22.1811

 105.4690, 18.9958,
20.6367

 80.9420, 18.2696,
20.2219

 56.5290, 17.9802,
19.7071

 33.7030, 17.4014,

18.6775

■ 15.2250, 15.6651,
15.5887

■ 3.4370, 10.6306,
-3.0142

■ 212.3600, 21.0215,
24.2403

■ 212.3600, 21.0215,
24.2403

■ 195.8910, 29.1407,
33.4216

■ 229.4160, 12.6129,
14.5442

■ 178.8350, 37.5493,
43.1177

■ 245.8850, 4.4937,
5.3629

■ 162.3660, 45.6686,
52.2990

255.0000, 0.0000,
0.0000

■ 145.3100, 54.0772,
61.9951

■ 129.1400, 62.0490,
71.7912

■ 112.0840, 70.4576,
81.4873

■ 95.6150, 78.5768,
90.6686

■ 87.6740, 82.4917,
95.0019

Harmonies

Analogous

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



205.9380, 24.1876, -11.3466



212.3600, 21.0215, 24.2403



207.8000, 7.0006, 41.3944

Triad

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



212.3600, 21.0215, 24.2403



205.9740, -34.0042, 33.3488



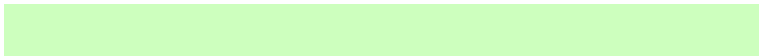
185.4820, 21.9474, -86.3687

Complementary

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



212.3600, 21.0215, 24.2403



232.6400, -21.0215, -24.2403

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.



191.6260, 0.1844, -59.3080



212.3600, 21.0215, 24.2403



202.6670, -31.8808, 5.5540

Square

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



212.3600, 21.0215, 24.2403



204.1570, -24.7274, 44.5893



197.7860, -19.1215, -26.9993



186.8810, 33.5827, -84.9646

Rectangle

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



212.3600, 21.0215, 24.2403



204.4770, -3.1932, 44.3087



197.7860, -19.1215, -26.9993



186.9900, 14.7949, -78.9212

Sweetspot

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



212.3600, 21.0215, 24.2403



241.7650, 6.5249, 7.2221



206.2150, 24.0510, -14.2206



119.4720, 4.2043, 4.8481



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.



212.3600, 21.0215, 24.2403



203.2450, 25.5152, 29.6031



214.9070, 11.3848, 35.1616



119.4720, 4.2043, 4.8481



65.7270, 61.7596, 71.2764



21.9470, 20.7321, 23.7255

Inverse Universe

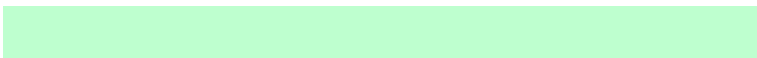
The Inverse Universe completely reimagines the original color for something new.



211.1450, -3.0295, 38.4608



201.6730, -3.7828, 46.7678



230.0930, -11.3848, -35.1616



119.2290, -0.6059, 7.6922



62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 212.3600, 21.0215, 24.2403 looks on a white background.

Color Contrast Check

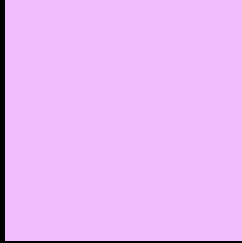
Large Text (above 18pt) WCAG AA × Fail

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 212.3600, 21.0215, 24.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

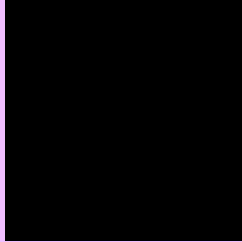
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.3600, 21.0215, 24.2403

Background



This preview shows how black text looks on a background with the YUV color 212.3600, 21.0215, 24.2403.



This preview shows how white text looks on a background with the YUV color 212.3600, 21.0215,

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

212.3600, 21.0215, 24.2403

Protanopia

208.2970, 23.0246, -11.6615

Deuteranopia

209.1840, 21.1083, -3.6694



Tritanopia

210.4740, 1.2453, 20.6323

Trichromacy



Original Color

212.3600, 21.0215, 24.2403



Protanomaly

209.5590, 22.4024, 1.2638



Deuteranomaly

210.2500, 21.0757, 6.7967



Tritanomaly

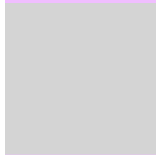
211.0210, 8.3706, 21.9066

Monochromacy



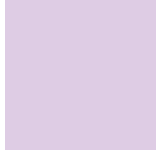
Original Color

212.3600, 21.0215, 24.2403



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.1180, 7.8298, 8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3600, 21.0215, 24.2403 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(240, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 190, 255)  
}
```

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(240, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 190, 255) }
```

Border

The CSS property to change the border of an element to YUV 212.3600, 21.0215, 24.2403 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(240, 190, 255) }
```


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

```
.border{ border-color:rgb(240, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 190,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 212.3600, 21.0215, 24.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 190, 255) }
```

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

```
.background{ background-color: rgb(240,  
190, 255) }
```

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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