

Converting Colors

YUV(214.6560, 12.0016,
23.9807)

Have a look what the booklet for
YUV(214.6560, 12.0016, 23.9807)
contains.

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Color

**YUV(214.6560, 12.0016,
23.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C4EF
RGB	242, 196, 239
RGB Percent	95%, 77%, 94%
CMY	0.0510, 0.2314, 0.0627
CMYK	0.00, 0.19, 0.01, 0.05
HSL	304°, 64%, 86%
HSV	304°, 19%, 95%
XYZ	71.9379, 64.5891, 90.3368
YIQ	214.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

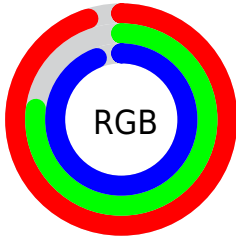
Format	Color
R_{YB}	242, 196, 239
Decimal	15910127
CIE _{Lab}	84.27, 23.46, -15.05
CIE _{LCh}	84, 27.870, 327.318
Yxy	64.5891, 0.3171, 0.2847
Android (android.graphics.Color)	4294100207 (0xFFFF2C4EF)
YUV	214.6560, 12.0016, 23.9807
Hunter-Lab	80.3673, 19.1349, -10.3877

Details

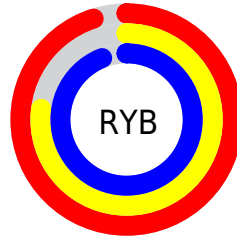
The YUV color **214.6560, 12.0016, 23.9807** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **223.3440, -12.0016, -23.9807**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8260, 0.5788, 1.0296**, and **159.5310, 11.5702, 22.3363** is the 20% darker color. If you saturate the color by 10%, you get **200.3400, 18.0734, 36.5358**, and if you desaturate by 10%, it is **228.9720, 5.9298, 11.4256**.

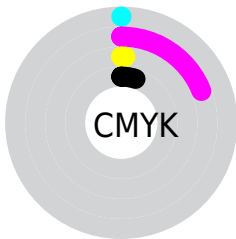
Distribution



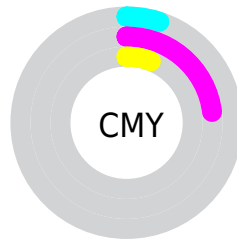
- Red (95%)
- Green (77%)
- Blue (94%)



- Red (95%)
- Yellow (77%)
- Blue (94%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 214.6560, 12.0016, 23.9807 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 214.6560, 12.0016, 23.9807 by changing the saturation by 10% instead.


 214.6560, 12.0016,
23.9807


 214.6560, 12.0016,
23.9807


255.0000, 0.0000,
0.0000


 186.9440, 11.8596,
22.8511


 253.8260, 0.5788,
1.0296

 159.5310, 11.5702,
22.3363

 133.1180, 11.2808,
21.8215

 107.7050, 10.9914,
21.3067

 82.9930, 10.8495,
20.1771

 59.2810, 10.7075,
19.0476

 36.8680, 10.4181,

18.5328

■ 14.8680, 10.4181,
18.5328

■ 1.3680, 5.2416,
-1.1997

■ 214.6560, 12.0016,
23.9807

■ 214.6560, 12.0016,
23.9807

■ 200.3400, 18.0734,
36.5358

■ 228.9720, 5.9298,
11.4256

■ 186.1380, 24.5820,
48.9910

■ 243.1740, -0.5788,
-1.0296

■ 171.2350, 30.9431,
62.0609

■ 249.8590, -2.8885,
-6.8923

■ 157.0330, 37.4517,
74.5161

■ 249.9730, -2.4517,
-6.9923

142.7170, 43.5235,
87.0712

250.2010, -1.5781,
-7.1923

128.5150, 50.0321,
99.5263

250.3150, -1.1413,
-7.2923

114.1990, 56.1039,
112.0815

250.5430, -0.2677,
-7.4922

99.2960, 62.4651,
125.1514

250.7710, 0.6059,
-7.6922

98.1220, 63.0439,
126.1810

250.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



211.9070, 21.2448, -0.7954



214.6560, 12.0016, 23.9807



213.3450, 0.3229, 36.5314

Triad

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



214.6560, 12.0016, 23.9807



209.4760, -25.3777, 19.7535



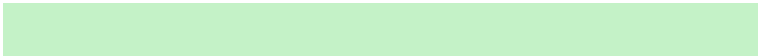
198.7030, 16.9084, -56.7445

Complementary

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



214.6560, 12.0016, 23.9807



223.3440, -12.0016, -23.9807

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.



199.6260, 3.6354, -46.1530



214.6560, 12.0016, 23.9807



206.3700, -21.3814, -2.0785

Square

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



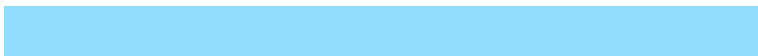
214.6560, 12.0016, 23.9807



211.4980, -21.9375, 36.3973



202.9740, -10.8332, -25.4102



202.0380, 25.6173, -50.0223

Rectangle

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



214.6560, 12.0016, 23.9807



211.2930, -7.5394, 38.3310



202.9740, -10.8332, -25.4102



198.3890, 13.1192, -54.7152

Sweetspot

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



214.6560, 12.0016, 23.9807



246.0810, 3.9041, 7.8220



201.8420, 19.7979, -3.3694



122.6030, 2.1677, 4.7332



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.



214.6560, 12.0016, 23.9807



219.9110, 15.3269, 30.7731



212.1480, 2.3920, 26.1802



112.8420, 3.0359, 6.2776



74.6240, 48.0064, 95.9228



22.6720, 14.4587, 29.2287

Inverse Universe

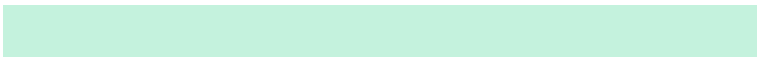
The Inverse Universe completely reimagines the original color for something new.



214.6560, 12.0016, 23.9807



219.9110, 15.3269, 30.7731



225.8520, -2.3920, -26.1802



112.8420, 3.0359, 6.2776



74.6240, 48.0064, 95.9228



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 214.6560, 12.0016, 23.9807 looks on a white background.

Color Contrast Check

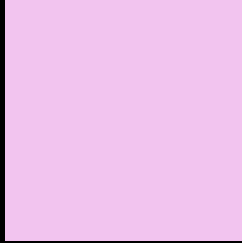
Large Text (above 18pt) WCAG AA × Fail

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 214.6560, 12.0016, 23.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

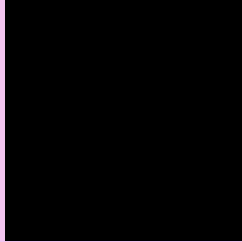
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.6560, 12.0016, 23.9807

Background



This preview shows how black text looks on a background with the YUV color 214.6560, 12.0016, 23.9807.



This preview shows how white text looks on a background with the YUV color 214.6560, 12.0016,

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

214.6560, 12.0016, 23.9807

Protanopia

211.5380, 17.4828, -7.4878

Deuteranopia

212.5350, 12.0612, 4.7928



Tritanopia

213.4850, 1.2399, 22.3767

Trichromacy



Original Color

214.6560, 12.0016, 23.9807



Protanomaly

212.4470, 15.5556, 3.9930



Deuteranomaly

213.5790, 12.0396, 11.7702



Tritanomaly

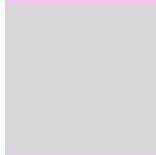
214.1090, 4.8763, 22.7064

Monochromacy



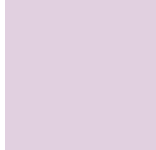
Original Color

214.6560, 12.0016, 23.9807



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6560, 12.0016, 23.9807 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(242, 196, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 239)  
}
```

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(242, 196, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 239) }
```

Border

The CSS property to change the border of an element to YUV 214.6560, 12.0016, 23.9807 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(242, 196, 239) }
```


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

```
.border{ border-color:rgb(242, 196, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 214.6560, 12.0016, 23.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 239) }
```

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

```
.background{ background-color: rgb(242,  
196, 239) }
```

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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