

Converting Colors

YUV(216.3460, 12.1544,
21.6216)

Have a look what the booklet for
YUV(216.3460, 12.1544, 21.6216)
contains.

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Color

**YUV(216.3460, 12.1544,
21.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C7F1
RGB	241, 199, 241
RGB Percent	95%, 78%, 95%
CMY	0.0549, 0.2196, 0.0549
CMYK	0.00, 0.17, 0.00, 0.05
HSL	300°, 60%, 86%
HSV	300°, 17%, 95%
XYZ	72.5762, 65.8985, 92.1136
YIQ	216.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

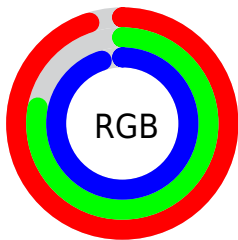
Format	Color
R _Y B	241, 199, 241
Decimal	15845361
CIE Lab	84.94, 21.90, -15.11
CIE LCh	85, 26.608, 325.392
Yxy	65.8985, 0.3147, 0.2858
Android (android.graphics.Color)	4294035441 (0xFFFF1C7F1)
YUV	216.3460, 12.1544, 21.6216
Hunter-Lab	81.1779, 17.5247, -10.4526

Details

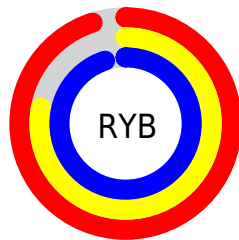
The YUV color $216.3460, 12.1544, 21.6216$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.6540, -12.1544, -21.6216$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.5200, 11.5756, 20.5920$ is the 20% darker color. If you saturate the color by 10%, you get $202.2580, 19.0998, 33.9767$, and if you desaturate by 10%, it is $230.4340, 5.2090, 9.2664$.

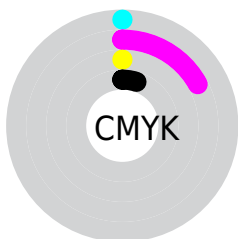
Distribution



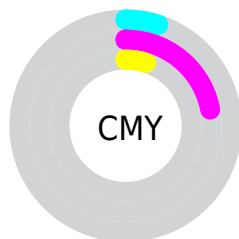
- Red (95%)
- Green (78%)
- Blue (95%)



- Red (95%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.3460, 12.1544, 21.6216 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 216.3460, 12.1544, 21.6216 by changing the saturation by 10% instead.


 216.3460, 12.1544,
21.6216


 216.3460, 12.1544,
21.6216


255.0000, 0.0000,
0.0000


 188.6340, 12.0124,
20.4920

 161.5200, 11.5756,
20.5920

 134.8080, 11.4337,
19.4624

 109.3950, 11.1443,
18.9476

 84.9820, 10.8549,
18.4328

 61.1560, 10.2761,
17.4032

 38.4440, 10.1341,

16.2736

■ 16.1560, 10.2761,
17.4032

■ 2.2970, 6.2626,
-2.0145

■ 216.3460, 12.1544,
21.6216

■ 216.3460, 12.1544,
21.6216

■ 202.2580, 19.0998,
33.9767

■ 230.4340, 5.2090,
9.2664

■ 188.1700, 26.0452,
46.3319

■ 244.5220, -1.7363,
-3.0888

■ 174.0820, 32.9906,
58.6871

■ 249.2180, -4.0515,
-7.2072

■ 159.9940, 39.9360,
71.0423

■ 145.9060, 46.8813,
83.3974

■ 131.2310, 54.1161,
96.2674

■ 117.1430, 61.0615,
108.6226

■ 103.0550, 68.0069,
120.9778

■ 99.5330, 69.7432,
124.0666

Harmonies

Analogous

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



213.6680, 20.3767, -2.3398



216.3460, 12.1544, 21.6216



214.8610, 1.0545, 35.2019

Triad

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



216.3460, 12.1544, 21.6216



211.4160, -24.3621, 20.6832



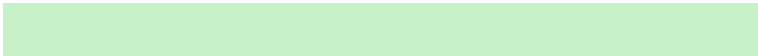
201.3830, 15.5872, -52.9559

Complementary

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



216.3460, 12.1544, 21.6216



223.6540, -12.1544, -21.6216

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.



202.3060, 2.3141, -42.3644



216.3460, 12.1544, 21.6216



208.4950, -20.9500, -0.4341

Square

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



216.3460, 12.1544, 21.6216



213.8400, -20.6271, 36.0973



205.2840, -10.9860, -23.0511



203.7070, 24.3014, -47.9780

Rectangle

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



216.3460, 12.1544, 21.6216



212.9230, -6.3710, 36.9015



205.2840, -10.9860, -23.0511



201.0690, 11.7980, -50.9265

Sweetspot

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



216.3460, 12.1544, 21.6216



247.3690, 3.7621, 6.6924



203.7880, 18.3455, -4.1991



123.3040, 2.3151, 4.1184



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.



216.3460, 12.1544, 21.6216



223.3020, 15.6271, 27.7991



213.9520, 2.9817, 23.7211



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Inverse Universe

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



216.3460, 12.1544, 21.6216



223.3020, 15.6271, 27.7991



226.0480, -2.9817, -23.7211



112.9560, 3.4727, 6.1776



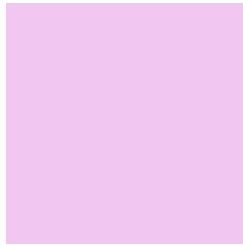
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 216.3460, 12.1544, 21.6216 looks on a white background.

Color Contrast Check

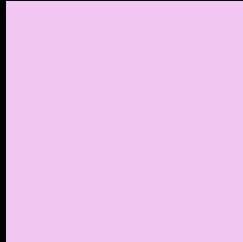
Large Text (above 18pt) WCAG AA × Fail

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 216.3460, 12.1544, 21.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

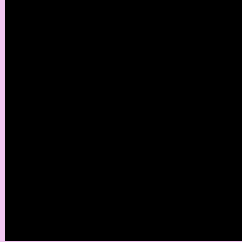
Any Text WCAG AA ✓ Pass

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 216.3460, 12.1544, 21.6216 Background



This preview shows how black text looks on a background with the YUV color 216.3460, 12.1544, 21.6216.



This preview shows how white text looks on a background with the YUV color 216.3460, 12.1544,

21.6216.

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

216.3460, 12.1544, 21.6216

Protanopia

213.5380, 17.4828, -7.4878

Deuteranopia

214.5350, 12.0612, 4.7928



Tritanopia

215.2890, 1.8295, 19.9175

Trichromacy



Original Color

216.3460, 12.1544, 21.6216

Protanomaly

214.7350, 15.4136, 2.8634

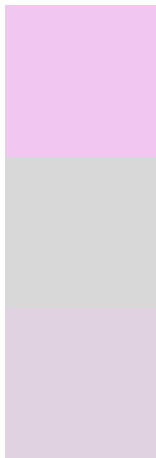
Deuteranomaly

215.2800, 12.1870, 11.1554

Tritanomaly

215.9130, 5.4659, 20.2473

Monochromacy



Original Color

216.3460, 12.1544, 21.6216

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.1950, 4.3409, 7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3460, 12.1544, 21.6216 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(241, 199, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 199, 241)  
}
```

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(241, 199, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 199, 241) }
```

Border

The CSS property to change the border of an element to YUV 216.3460, 12.1544, 21.6216 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(241, 199, 241) }
```


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

```
.border{ border-color:rgb(241, 199, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 199, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 199, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 199, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 199,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 216.3460, 12.1544, 21.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 199, 241) }
```

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

```
.background{ background-color: rgb(241,  
199, 241) }
```

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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