

Converting Colors

YUV(215.3630, 13.1320,
34.7616)

Have a look what the booklet for
YUV(215.3630, 13.1320, 34.7616)
contains.

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Color

**YUV(215.3630, 13.1320,
34.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEF2
RGB	255, 190, 242
RGB Percent	100%, 75%, 95%
CMY	0.0000, 0.2549, 0.0510
CMYK	0.00, 0.25, 0.05, 0.00
HSL	312°, 100%, 87%
HSV	312°, 25%, 100%
XYZ	75.6805, 64.4977, 92.4649
YIQ	215.3630, 22.0480, 29.9520

Conversions

Conversions Part 2

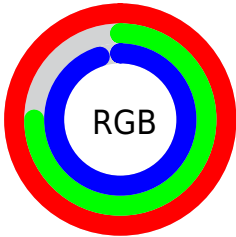
Format	Color
RYB	255, 190, 242
Decimal	16760562
CIELab	84.22, 31.43, -16.59
CIELCh	84, 35.542, 332.166
Yxy	64.4977, 0.3253, 0.2772
Android (android.graphics.Color)	4294950642 (0xFFFFBEF2)
YUV	215.3630, 13.1320, 34.7616
Hunter-Lab	80.3105, 27.6659, -12.0458

Details

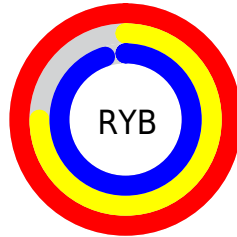
The YUV color **215.3630, 13.1320, 34.7616** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **229.6370, -13.1320, -34.7616**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3040, 2.3151, 4.1184**, and **160.2380, 12.7007, 33.1173** is the 20% darker color. If you saturate the color by 10%, you get **200.1180, 18.1828, 48.1315**, and if you desaturate by 10%, it is **231.1950, 7.7919, 20.8770**.

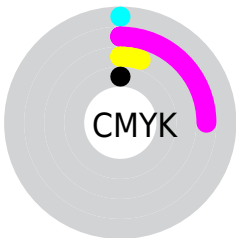
Distribution



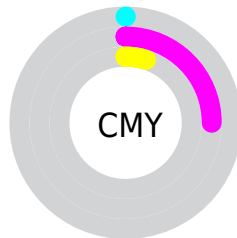
- Red (100%)
- Green (75%)
- Blue (95%)



- Red (100%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 215.3630, 13.1320, 34.7616 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 215.3630, 13.1320, 34.7616 by changing the saturation by 10% instead.


 215.3630, 13.1320,
34.7616


 215.3630, 13.1320,
34.7616


255.0000, 0.0000,
0.0000


 187.6510, 12.9901,
33.6321


 250.3040, 2.3151,
4.1184

 160.2380, 12.7007,
33.1173

 133.5260, 12.5587,
31.9877

 107.8140, 12.4167,
30.8581

 82.6890, 11.9853,
29.2137

 58.3900, 12.1327,
28.5990

 34.2050, 12.7169,

27.8842

■ 17.4880, 10.1124,
23.2510

■ 4.5150, 5.6621,
3.9333

■ 215.3630, 13.1320,
34.7616

■ 215.3630, 13.1320,
34.7616

■ 200.1180, 18.1828,
48.1315

■ 231.1950, 7.7919,
20.8770

■ 184.2860, 23.5230,
62.0162

■ 246.4400, 2.7411,
7.5071

■ 169.0410, 28.5738,
75.3860

255.0000, 0.0000,
0.0000

■ 153.2090, 33.9140,
89.2707

■ 137.8500, 38.5280,
102.7405

■ 122.0180, 43.8681,
116.6252

■ 106.7730, 48.9189,
129.9951

■ 99.5010, 51.5180,
136.3726

Harmonies

Analogous

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



212.2390, 21.0812, 5.0524



215.3630, 13.1320, 34.7616



208.6660, 0.1647, 40.6349

Triad

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



215.3630, 13.1320, 34.7616



208.0540, -32.0716, 20.1236



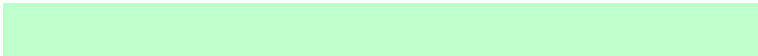
191.3780, 26.4356, -79.2615

Complementary

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



215.3630, 13.1320, 34.7616



229.6370, -13.1320, -34.7616

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.



194.0580, 8.3524, -65.8259



215.3630, 13.1320, 34.7616



204.3000, -25.2909, -8.1561

Square

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



215.3630, 13.1320, 34.7616



209.2120, -28.2055, 40.1561



199.5980, -10.6478, -38.2354



196.1610, 29.0076, -64.1622

Rectangle

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



215.3630, 13.1320, 34.7616



206.6310, -10.1711, 42.4196



199.5980, -10.6478, -38.2354



191.3090, 21.0467, -77.4470

Sweetspot

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



215.3630, 13.1320, 34.7616



242.8040, 4.0406, 10.6959



201.2970, 26.4756, 1.4935



120.0270, 2.4517, 6.9923



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.



215.3630, 13.1320, 34.7616



206.8030, 15.8731, 42.2688



211.7150, -0.8455, 37.9609



120.0270, 2.4517, 6.9923



74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Inverse Universe

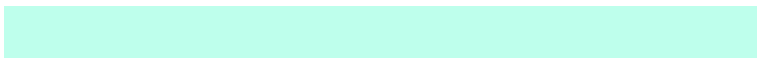
The Inverse Universe completely reimagines the original color for something new.



215.3630, 13.1320, 34.7616



206.8030, 15.8731, 42.2688



233.3990, 1.2823, -38.0609



120.0270, 2.4517, 6.9923



74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 215.3630, 13.1320, 34.7616 looks on a white background.

Color Contrast Check

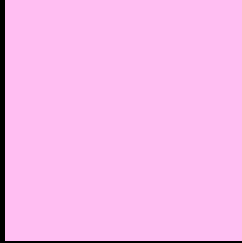
Large Text (above 18pt) WCAG AA × Fail

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 215.3630, 13.1320, 34.7616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

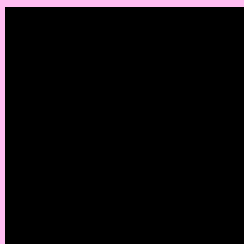
Any Text WCAG AA ✓ Pass

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 215.3630, 13.1320, 34.7616 Background



This preview shows how black text looks on a background with the YUV color 215.3630, 13.1320, 34.7616.



This preview shows how white text looks on a background with the YUV color 215.3630, 13.1320,

34.7616.

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

215.3630, 13.1320, 34.7616

Protanopia

211.4390, 20.9826, -10.0320

Deuteranopia

212.4640, 13.0822, 3.9781



Tritanopia

214.1550, -1.5554, 32.3131

Trichromacy



Original Color

215.3630, 13.1320, 34.7616



Protanomaly

212.8540, 18.3130, 6.2670



Deuteranomaly

213.8290, 12.9023, 15.0590



Tritanomaly

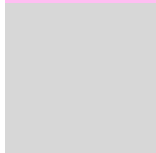
214.5340, 3.6807, 32.8577

Monochromacy



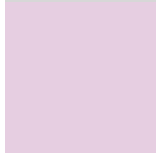
Original Color

215.3630, 13.1320, 34.7616



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.3630, 13.1320, 34.7616 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(255, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 242)  
}
```

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(255, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 242) }
```

Border

The CSS property to change the border of an element to YUV 215.3630, 13.1320, 34.7616 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(255, 190, 242) }
```


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

```
.border{ border-color:rgb(255, 190, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 215.3630, 13.1320, 34.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 242) }
```

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

```
.background{ background-color: rgb(255,  
190, 242) }
```

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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