

Converting Colors

YUV(213.1630, 9.7796, 36.6910)

Have a look what the booklet for
YUV(213.1630, 9.7796, 36.6910)
contains.

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Color

**YUV(213.1630, 9.7796,
36.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCE9
RGB	255, 188, 233
RGB Percent	100%, 74%, 91%
CMY	0.0000, 0.2627, 0.0863
CMYK	0.00, 0.26, 0.09, 0.00
HSL	320°, 100%, 87%
HSV	320°, 26%, 100%
XYZ	73.9312, 63.1096, 85.3756
YIQ	213.1630, 25.4870, 28.1990

Conversions

Conversions Part 2

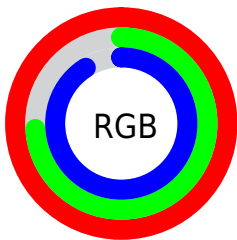
Format	Color
R _Y B	255, 188, 233
Decimal	16760041
CIE Lab	83.50, 30.95, -12.87
CIE LCh	84, 33.524, 337.417
Yxy	63.1096, 0.3324, 0.2837
Android (android.graphics.Color)	4294950121 (0xFFFFBCE9)
YUV	213.1630, 9.7796, 36.6910
Hunter-Lab	79.4416, 27.0958, -8.1097

Details

The YUV color **213.1630, 9.7796, 36.6910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **229.8370, -9.7796, -36.6910**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1300, 2.8939, 5.1480**, and **158.0380, 9.3483, 35.0467** is the 20% darker color. If you saturate the color by 10%, you get **197.5760, 13.5200, 50.3608**, and if you desaturate by 10%, it is **229.3370, 5.7499, 22.5065**.

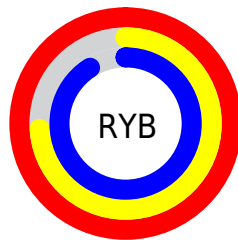
Distribution



Red (100%)

Green (74%)

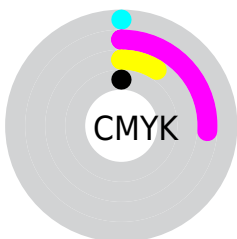
Blue (91%)



Red (100%)

Yellow (74%)

Blue (91%)

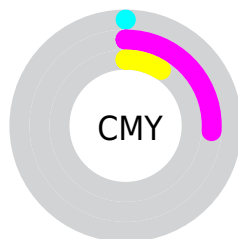


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.1630, 9.7796, 36.6910 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 213.1630, 9.7796, 36.6910 by changing the saturation by 10% instead.


 213.1630, 9.7796,
36.6910


 213.1630, 9.7796,
36.6910

255.0000, 0.0000,
0.0000


 185.4510, 9.6377,
35.5615


 249.1300, 2.8939,
5.1480

 158.0380, 9.3483,
35.0467

 131.4400, 9.6431,
33.8171

 105.7280, 9.5011,
32.6875

 80.7170, 9.5065,
30.9432

 56.4180, 9.6539,
30.3284

 32.2330, 10.2381,

29.6137

■ 16.8040, 7.4916,
23.8509

■ 2.2500, 0.8628,
3.2887

■ 213.1630, 9.7796,
36.6910

■ 213.1630, 9.7796,
36.6910

■ 197.5760, 13.5200,
50.3608

■ 229.3370, 5.7499,
22.5065

■ 181.2880, 17.1130,
64.6454

■ 245.0380, 2.4463,
8.7367

■ 165.7010, 20.8534,
78.3152

255.0000, 0.0000,
0.0000

■ 149.5270, 24.8832,
92.4998

■ 133.8260, 28.1868,
106.2696

■ 117.6520, 32.2166,
120.4542

■ 101.9510, 35.5202,
134.2240

■ 95.7390, 37.1037,
139.6719

Harmonies

Analogous

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



211.3860, 21.5017, 10.1855



213.1630, 9.7796, 36.6910



207.7540, -3.3297, 41.4347

Triad

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



213.1630, 9.7796, 36.6910



205.8900, -30.0188, 15.0055



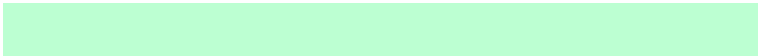
192.0090, 26.1246, -72.7989

Complementary

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



213.1630, 9.7796, 36.6910



229.8370, -9.7796, -36.6910

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.



193.0520, 10.8204, -64.0666



213.1630, 9.7796, 36.6910



202.0760, -22.2225, -12.3447

Square

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



213.1630, 9.7796, 36.6910



208.4890, -28.3421, 37.2821



197.4990, -7.1480, -40.7796



197.1020, 28.5437, -55.3405

Rectangle

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



213.1630, 9.7796, 36.6910



206.6480, -12.6445, 42.4047



197.4990, -7.1480, -40.7796



191.5700, 21.9040, -72.4139

Sweetspot

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



213.1630, 9.7796, 36.6910



242.4620, 2.7302, 10.9958



201.9170, 26.1699, 6.2118



119.7990, 1.5781, 7.1923



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.



213.1630, 9.7796, 36.6910



203.7880, 11.9365, 44.9129



209.4010, -4.6347, 39.9903



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Inverse Universe

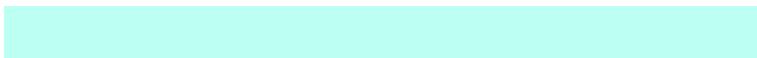
The Inverse Universe completely reimagines the original color for something new.



213.1630, 9.7796, 36.6910



203.7880, 11.9365, 44.9129



233.5990, 4.6347, -39.9903



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 213.1630, 9.7796, 36.6910 looks on a white background.

Color Contrast Check

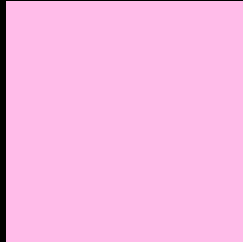
Large Text (above 18pt) WCAG AA × Fail

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 213.1630, 9.7796, 36.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

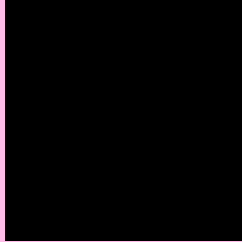
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.1630, 9.7796, 36.6910

Background



This preview shows how black text looks on a background with the YUV color 213.1630, 9.7796, 36.6910.



This preview shows how white text looks on a background with the YUV color 213.1630, 9.7796,

36.6910.

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

213.1630, 9.7796, 36.6910

Protanopia

209.5380, 17.4828, -7.4878

Deuteranopia

210.8620, 9.4350, 7.1370



Tritanopia

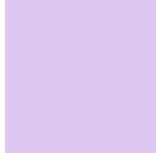
212.2370, -2.5818, 34.8722

Trichromacy



Original Color

213.1630, 9.7796, 36.6910



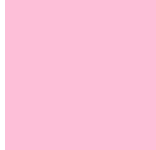
Protanomaly

210.9530, 14.8132, 8.8112



Deuteranomaly

211.9280, 9.4025, 17.6031



Tritanomaly

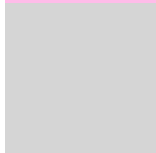
212.3880, 1.7807, 35.6167

Monochromacy



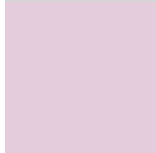
Original Color

213.1630, 9.7796, 36.6910



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0000, 3.4510, 13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1630, 9.7796, 36.6910 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, 188, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 233)  
}
```

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, 188, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 233) }
```

Border

The CSS property to change the border of an element to YUV 213.1630, 9.7796, 36.6910 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, 188, 233) }
```


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

```
.border{ border-color:rgb(255, 188, 233) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 213.1630, 9.7796, 36.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 233) }
```

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

```
.background{ background-color: rgb(255,  
188, 233) }
```

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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