

Converting Colors

YUV(212.7360, 20.8362,
37.0655)

Have a look what the booklet for
YUV(212.7360, 20.8362, 37.0655)
contains.

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Color

**YUV(212.7360, 20.8362,
37.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7FF
RGB	255, 183, 255
RGB Percent	100%, 72%, 100%
CMY	0.0000, 0.2824, 0.0000
CMYK	0.00, 0.28, 0.00, 0.00
HSL	300°, 100%, 86%
HSV	300°, 28%, 100%
XYZ	76.2235, 62.3470, 102.6245
YIQ	212.7360, 19.8000, 37.6560

Conversions

Conversions Part 2

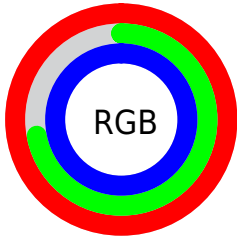
Format	Color
R _Y B	255, 183, 255
Decimal	16758783
CIE Lab	83.10, 37.39, -25.23
CIE LCh	83, 45.110, 325.986
Yxy	62.3470, 0.3160, 0.2585
Android (android.graphics.Color)	4294948863 (0xFFFFB7FF)
YUV	212.7360, 20.8362, 37.0655
Hunter-Lab	78.9601, 34.1333, -21.7872

Details

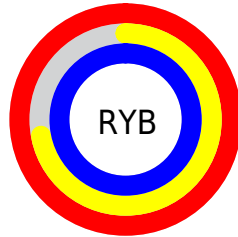
The YUV color $212.7360, 20.8362, 37.0655$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $225.2640, -20.8362, -37.0655$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.3409, 7.7220$, and $157.1980, 20.1154, 34.9064$ is the 20% darker color. If you saturate the color by 10%, you get $198.0610, 28.0709, 49.9355$, and if you desaturate by 10%, it is $227.9980, 13.3120, 23.6808$.

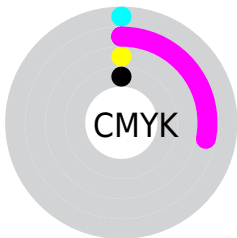
Distribution



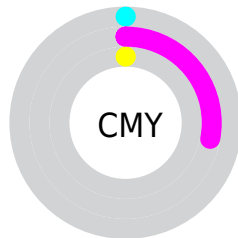
- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.7360, 20.8362, 37.0655 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 212.7360, 20.8362, 37.0655 by changing the saturation by 10% instead.


 212.7360, 20.8362,
37.0655


 212.7360, 20.8362,
37.0655

255.0000, 0.0000,
0.0000


 184.9100, 20.2574,
36.0359

 246.1950, 4.3409,
7.7220

 157.1980, 20.1154,
34.9064

 130.4860, 19.9734,
33.7768

 104.6600, 19.3946,
32.7472

 79.2470, 19.1052,
32.2324

 54.5350, 18.9632,
31.1028

 27.8880, 20.2682,

32.5472

■ 17.9160, 14.3384,
21.1217

■ 4.3450, 10.1829,
0.5744

■ 212.7360, 20.8362,
37.0655

■ 212.7360, 20.8362,
37.0655

■ 198.0610, 28.0709,
49.9355

■ 227.9980, 13.3120,
23.6808

■ 182.7990, 35.5951,
63.3203

■ 242.6730, 6.0772,
10.8108

■ 167.5370, 43.1193,
76.7051

255.0000, 0.0000,
0.0000

■ 152.8620, 50.3540,
89.5750

■ 138.1870, 57.5888,
102.4450

■ 122.9250, 65.1130,
115.8298

■ 108.2500, 72.3478,
128.6997

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



205.9930, 24.1605, -2.6249



212.7360, 20.8362, 37.0655



202.7790, 5.5320, 45.7978

Triad

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



212.7360, 20.8362, 37.0655



204.2420, -40.5453, 31.3598



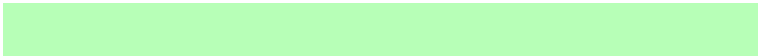
162.1250, 39.8714, -142.1836

Complementary

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



212.7360, 20.8362, 37.0655



225.2640, -20.8362, -37.0655

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.



183.5350, 8.1172, -83.7842



212.7360, 20.8362, 37.0655



200.4010, -35.2007, -2.9827

Square

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



212.7360, 20.8362, 37.0655



202.3330, -31.7162, 46.1890



194.0400, -17.7677, -41.2541



174.6110, 39.6318, -111.9148

Rectangle

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



212.7360, 20.8362, 37.0655



199.5870, -6.6984, 48.5972



194.0400, -17.7677, -41.2541



171.5810, 28.3076, -119.7815

Sweetspot

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



212.7360, 20.8362, 37.0655



243.2600, 5.7878, 10.2960



191.2080, 31.4495, -7.1984



120.3690, 3.7621, 6.6924



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.



212.7360, 20.8362, 37.0655



203.9310, 25.1770, 44.7875



208.6320, 5.1114, 40.6647



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

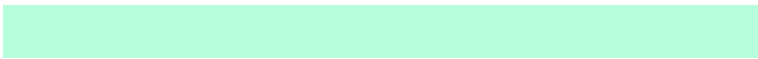
The Inverse Universe completely reimagines the original color for something new.



212.7360, 20.8362, 37.0655



203.9310, 25.1770, 44.7875



229.3680, -5.1114, -40.6647



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 212.7360, 20.8362, 37.0655 looks on a white background.

Color Contrast Check

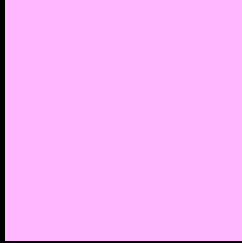
Large Text (above 18pt) WCAG AA × Fail

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 212.7360, 20.8362, 37.0655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

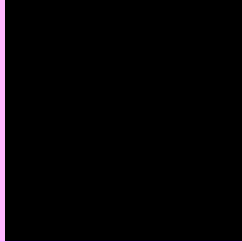
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7360, 20.8362, 37.0655

Background



This preview shows how black text looks on a background with the YUV color 212.7360, 20.8362, 37.0655.



This preview shows how white text looks on a background with the YUV color 212.7360, 20.8362, 37.0655.

37.0655.

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

212.7360, 20.8362, 37.0655

Protanopia

208.2970, 23.0246, -11.6615

Deuteranopia

209.3690, 20.5241, -2.9546



Tritanopia

210.4540, -1.7028, 32.9278

Trichromacy



Original Color

212.7360, 20.8362, 37.0655



Protanomaly

210.1790, 22.0968, 5.9820



Deuteranomaly

210.7560, 20.3333, 11.6150



Tritanomaly

211.5280, 6.1487, 34.6169

Monochromacy



Original Color

212.7360, 20.8362, 37.0655



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7360, 20.8362, 37.0655 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, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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(255, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 255) }
```

Border

The CSS property to change the border of an element to YUV 212.7360, 20.8362, 37.0655 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, 183, 255) }
```


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

```
.border{ border-color:rgb(255, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 212.7360, 20.8362, 37.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 255) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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