

Converting Colors

YUV(202.0750, 13.2740,
35.8912)

Have a look what the booklet for
YUV(202.0750, 13.2740, 35.8912)
contains.

YUV(202.0750, 13.2740, 35.8912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(202.0750, 13.2740,
35.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B0E5
RGB	243, 176, 229
RGB Percent	95%, 69%, 90%
CMY	0.0471, 0.3098, 0.1020
CMYK	0.00, 0.28, 0.06, 0.05
HSL	313°, 74%, 82%
HSV	313°, 28%, 95%
XYZ	66.6303, 55.7625, 81.3802
YIQ	202.0750, 22.9190, 30.6870

Conversions

Conversions Part 2

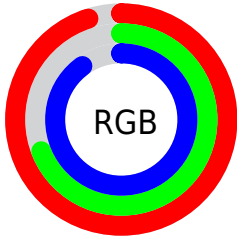
Format	Color
R _Y B	243, 176, 229
Decimal	15970533
CIE Lab	79.48, 32.62, -16.88
CIE LCh	79, 36.734, 332.636
Yxy	55.7625, 0.3270, 0.2737
Android (android.graphics.Color)	4294160613 (0xFFFF3B0E5)
YUV	202.0750, 13.2740, 35.8912
Hunter-Lab	74.6743, 28.5919, -12.3423

Details

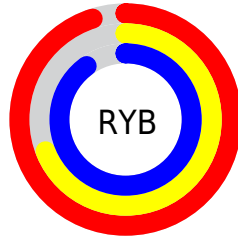
The YUV color **202.0750, 13.2740, 35.8912** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216.9250, -13.2740, -35.8912**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **147.5370, 12.5533, 33.7321** is the 20% darker color. If you saturate the color by 10%, you get **187.4170, 18.0354, 48.7463**, and if you desaturate by 10%, it is **216.7330, 8.5126, 23.0362**.

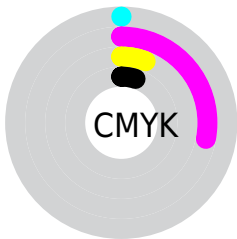
Distribution



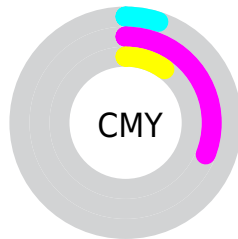
- Red (95%)
- Green (69%)
- Blue (90%)



- Red (95%)
- Yellow (69%)
- Blue (90%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.0750, 13.2740, 35.8912 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 202.0750, 13.2740, 35.8912 by changing the saturation by 10% instead.


 202.0750, 13.2740,
35.8912


 202.0750, 13.2740,
35.8912


255.0000, 0.0000,
0.0000


 174.3630, 13.1320,
34.7616


 241.4990, 6.6560,
11.8404

 147.5370, 12.5533,
33.7321

 121.2380, 12.7007,
33.1173

 95.5260, 12.5587,
31.9877

 70.8140, 12.4167,
30.8581

 46.2160, 12.7115,
29.6286

 22.4440, 13.5851,

29.4286

■ 14.3690, 7.2131,
19.8474

■ 0.0000, 0.0000,
0.0000

■ 202.0750, 13.2740,
35.8912

■ 202.0750, 13.2740,
35.8912

■ 187.4170, 18.0354,
48.7463

■ 216.7330, 8.5126,
23.0362

■ 172.1720, 23.0862,
62.1162

■ 231.9780, 3.4618,
9.6663

■ 157.5140, 27.8476,
74.9712

■ 246.6360, -1.2995,
-3.1888

■ 142.8560, 32.6090,
87.8263

■ 250.7280, -0.8519,
-6.7775

■ 128.1980, 37.3704,
100.6814

■ 251.2980, 1.3321,
-7.2773

■ 112.9530, 42.4212,
114.0512

■ 251.4120, 1.7689,
-7.3773

■ 98.1810, 46.7458,
127.0063

■ 94.5450, 48.0453,
130.1950

Harmonies

Analogous

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



200.1340, 27.0489, 4.2675



202.0750, 13.2740, 35.8912



198.8520, -1.8990, 49.2418

Triad

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



202.0750, 13.2740, 35.8912



194.5270, -32.7978, 19.7088



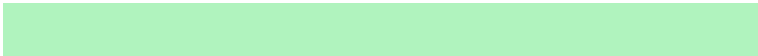
175.5020, 28.3465, -85.5093

Complementary

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



202.0750, 13.2740, 35.8912



216.9250, -13.2740, -35.8912

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.



179.3780, 9.6736, -69.6145



202.0750, 13.2740, 35.8912



190.7730, -26.0171, -8.5709

Square

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



202.0750, 13.2740, 35.8912



197.1800, -29.6687, 42.8151



185.8860, -10.7898, -39.3650



182.5500, 35.7179, -69.7653

Rectangle

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



202.0750, 13.2740, 35.8912



196.8170, -12.2348, 51.0265



185.8860, -10.7898, -39.3650



175.7320, 22.8101, -83.0800

Sweetspot

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



202.0750, 13.2740, 35.8912



242.8040, 4.0406, 10.6959



187.5250, 27.3492, 1.2936



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.



202.0750, 13.2740, 35.8912



203.6400, 16.4465, 45.0427



198.3130, -1.1403, 39.1905



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Inverse Universe

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



202.0750, 13.2740, 35.8912



203.6400, 16.4465, 45.0427



220.6870, 1.1403, -39.1905



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 202.0750, 13.2740, 35.8912 looks on a white background.

Color Contrast Check

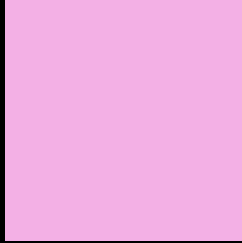
Large Text (above 18pt) WCAG AA × Fail

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 202.0750, 13.2740, 35.8912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

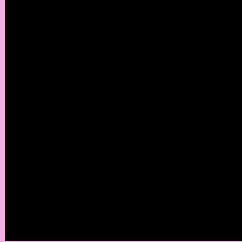
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.0750, 13.2740, 35.8912

Background



This preview shows how black text looks on a background with the YUV color 202.0750, 13.2740, 35.8912.



This preview shows how white text looks on a background with the YUV color 202.0750, 13.2740,

35.8912.

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

202.0750, 13.2740, 35.8912

Protanopia

197.9660, 21.7088, -9.6172

Deuteranopia

199.1650, 13.2297, 3.3633



Tritanopia

200.6390, -2.2870, 33.6426

Trichromacy



Original Color

202.0750, 13.2740, 35.8912



Protanomaly

199.2670, 18.6024, 6.7818



Deuteranomaly

200.2420, 13.1917, 15.5738



Tritanomaly

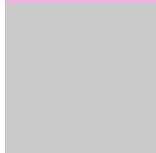
201.1320, 3.3859, 34.0872

Monochromacy



Original Color

202.0750, 13.2740, 35.8912



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0750, 13.2740, 35.8912 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(243, 176, 229)` looks like.

```
.text, #text, p{  
    color:rgb(243, 176, 229)  
}
```

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(243, 176, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 176, 229) }
```

Border

The CSS property to change the border of an element to YUV 202.0750, 13.2740, 35.8912 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(243, 176, 229) }
```


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

```
.border{ border-color:rgb(243, 176, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 176, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 176, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 176, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 176,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 202.0750, 13.2740, 35.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 176, 229) }
```

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

```
.background{ background-color: rgb(243,  
176, 229) }
```

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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