

Converting Colors

YUV(202.7050, 14.4424,
34.4617)

Have a look what the booklet for
YUV(202.7050, 14.4424, 34.4617)
contains.

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Color

**YUV(202.7050, 14.4424,
34.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B1E8
RGB	242, 177, 232
RGB Percent	95%, 69%, 91%
CMY	0.0510, 0.3059, 0.0902
CMYK	0.00, 0.27, 0.04, 0.05
HSL	309°, 71%, 82%
HSV	309°, 27%, 95%
XYZ	66.9056, 56.1477, 83.6552
YIQ	202.7050, 21.0850, 30.8850

Conversions

Conversions Part 2

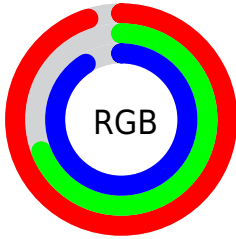
Format	Color
R _Y B	242, 177, 232
Decimal	15905256
CIE Lab	79.70, 32.29, -18.18
CIE LCh	80, 37.056, 330.616
Yxy	56.1477, 0.3237, 0.2716
Android (android.graphics.Color)	4294095336 (0xFFFF2B1E8)
YUV	202.7050, 14.4424, 34.4617
Hunter-Lab	74.9318, 28.2496, -13.7402

Details

The YUV color **202.7050, 14.4424, 34.4617** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216.2950, -14.4424, -34.4617**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **148.1670, 13.7217, 32.3025** is the 20% darker color. If you saturate the color by 10%, you get **188.1610, 19.6406, 47.2168**, and if you desaturate by 10%, it is **217.2490, 9.2442, 21.7066**.

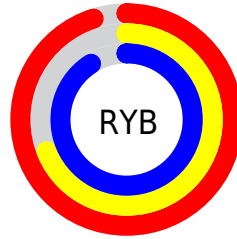
Distribution



Red (95%)

Green (69%)

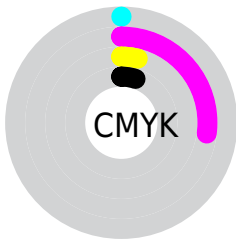
Blue (91%)



Red (95%)

Yellow (69%)

Blue (91%)

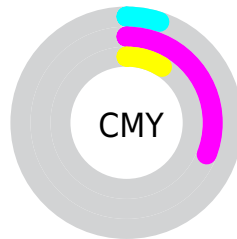


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.7050, 14.4424, 34.4617 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 202.7050, 14.4424, 34.4617 by changing the saturation by 10% instead.


 202.7050, 14.4424,
34.4617


 202.7050, 14.4424,
34.4617


255.0000, 0.0000,
0.0000


 174.9930, 14.3005,
33.3321

 242.0860, 6.3666,
11.3256

 148.1670, 13.7217,
32.3025

 121.8680, 13.8691,
31.6878

 96.1560, 13.7271,
30.5582

 71.4440, 13.5851,
29.4286

 47.1450, 13.7325,
28.8138

 22.9600, 14.3167,

28.0991

■ 14.5970, 8.0867,
19.6474

■ 0.1140, 0.4368,
-0.1000

■ 202.7050, 14.4424,
34.4617

■ 202.7050, 14.4424,
34.4617

■ 188.1610, 19.6406,
47.2168

■ 217.2490, 9.2442,
21.7066

■ 173.7310, 25.2756,
59.8719

■ 231.6790, 3.6093,
9.0515

■ 158.6000, 30.7632,
73.1418

■ 246.8100, -1.8783,
-4.2184

■ 144.0560, 35.9614,
85.8969

■ 250.2010, -1.5781,
-7.1923

■ 129.5120, 41.1596,
98.6520

■ 250.6570, 0.1691,
-7.5922

■ 115.0820, 46.7946,
111.3071

■ 250.9990, 1.4795,
-7.8921

■ 100.5380, 51.9928,
124.0622

■ 251.1130, 1.9163,
-7.9921

■ 95.7280, 53.8711,
128.2805

Harmonies

Analogous

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



200.1230, 27.0544, 2.5231



202.7050, 14.4424, 34.4617



199.1940, -0.5886, 48.9419

Triad

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



202.7050, 14.4424, 34.4617



195.4240, -33.2400, 21.5532



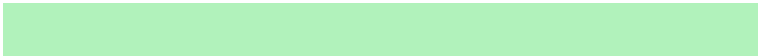
175.6760, 27.7677, -86.5389

Complementary

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



202.7050, 14.4424, 34.4617



216.2950, -14.4424, -34.4617

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.



179.7480, 8.5052, -68.1850



202.7050, 14.4424, 34.4617



191.5560, -26.8961, -6.6266

Square

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



202.7050, 14.4424, 34.4617



198.1910, -29.6742, 44.5595



186.3700, -11.5214, -38.0355



182.2400, 35.8707, -72.1245

Rectangle

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



202.7050, 14.4424, 34.4617



197.1590, -10.9244, 50.7266



186.3700, -11.5214, -38.0355



176.2050, 22.0839, -83.4948

Sweetspot

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



202.7050, 14.4424, 34.4617



242.9180, 4.4774, 10.5959



187.4000, 26.9178, -0.3508



120.1410, 2.8885, 6.8923



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.



202.7050, 14.4424, 34.4617



205.3840, 18.0517, 43.5132



199.0570, 0.4649, 37.6610



112.7280, 2.5991, 6.3775



72.6860, 40.5808, 97.6224



22.1020, 12.2747, 29.7285

Inverse Universe

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



202.7050, 14.4424, 34.4617



205.3840, 18.0517, 43.5132



219.9430, -0.4649, -37.6610



112.7280, 2.5991, 6.3775



72.6860, 40.5808, 97.6224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 202.7050, 14.4424, 34.4617 looks on a white background.

Color Contrast Check

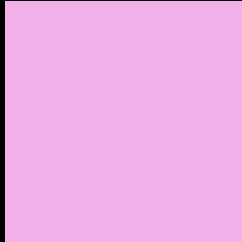
Large Text (above 18pt) WCAG AA × Fail

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 202.7050, 14.4424, 34.4617 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 202.7050, 14.4424, 34.4617

Background



This preview shows how black text looks on a background with the YUV color 202.7050, 14.4424, 34.4617.



This preview shows how white text looks on a background with the YUV color 202.7050, 14.4424,

34.4617.

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

202.7050, 14.4424, 34.4617

Protanopia

198.5960, 22.8772, -11.0467

Deuteranopia

199.7950, 14.3981, 1.9338



Tritanopia

200.7420, -1.8448, 31.7983

Trichromacy



Original Color

202.7050, 14.4424, 34.4617



Protanomaly

199.8970, 19.7708, 5.3523



Deuteranomaly

200.8720, 14.3601, 14.1443



Tritanomaly

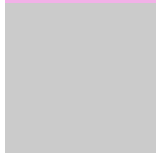
201.6480, 4.1175, 32.7577

Monochromacy



Original Color

202.7050, 14.4424, 34.4617



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.1570, 5.3456, 12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7050, 14.4424, 34.4617 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(242, 177, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 232)  
}
```

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(242, 177, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 232) }
```

Border

The CSS property to change the border of an element to YUV 202.7050, 14.4424, 34.4617 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(242, 177, 232) }
```


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

```
.border{ border-color:rgb(242, 177, 232) }
```

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

Here you see how a box with a 4 pixel rgb(242, 177, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 177, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 177, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 177,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 202.7050, 14.4424, 34.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 232) }
```

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

```
.background{ background-color: rgb(242,  
177, 232) }
```

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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