

Converting Colors

YUV(205.6370, 24.3360,
34.5214)

Have a look what the booklet for
YUV(205.6370, 24.3360, 34.5214)
contains.

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Color

**YUV(205.6370, 24.3360,
34.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B0FF
RGB	245, 176, 255
RGB Percent	96%, 69%, 100%
CMY	0.0392, 0.3098, 0.0000
CMYK	0.04, 0.31, 0.00, 0.00
HSL	292°, 100%, 85%
HSV	292°, 31%, 100%
XYZ	71.2315, 57.6831, 101.9874
YIQ	205.6370, 15.7650, 39.1970

Conversions

Conversions Part 2

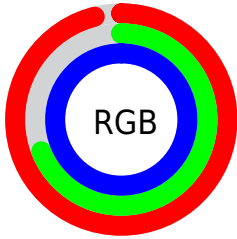
Format	Color
R_{YB}	245, 176, 255
Decimal	16101631
CIE _{Lab}	80.56, 37.95, -29.20
CIE _{LCh}	81, 47.882, 322.425
Yxy	57.6831, 0.3085, 0.2498
Android (android.graphics.Color)	4294291711 (0xFFFF5B0FF)
YUV	205.6370, 24.3360, 34.5214
Hunter-Lab	75.9494, 34.5003, -26.4520

Details

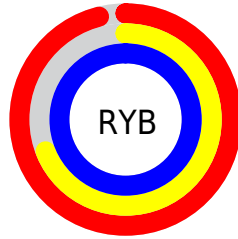
The YUV color **205.6370, 24.3360, 34.5214** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **225.3630, -24.3360, -34.5214**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **150.3980, 23.4678, 32.9770** is the 20% darker color. If you saturate the color by 10%, you get **189.4780, 32.3023, 46.0618**, and if you desaturate by 10%, it is **221.7960, 16.3696, 22.9809**.

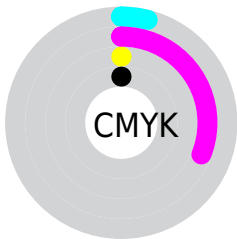
Distribution



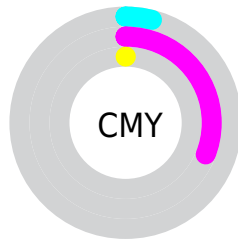
- Red (96%)
- Green (69%)
- Blue (100%)



- Red (96%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.6370, 24.3360, 34.5214 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 205.6370, 24.3360, 34.5214 by changing the saturation by 10% instead.

 205.6370, 24.3360,
34.5214


 205.6370, 24.3360,
34.5214


255.0000, 0.0000,
0.0000


 177.8110, 23.7572,
33.4918


 241.4990, 6.6560,
11.8404

 150.3980, 23.4678,
32.9770

 124.2730, 23.0364,
31.3326

 98.4470, 22.4576,
30.3030

 73.0340, 22.1682,
29.7882

 47.7350, 22.3156,
29.1734

 24.6100, 21.8843,

27.5290

■ 16.4210, 15.0754,
18.0478

■ 3.4370, 10.6306,
-3.0142

■ 205.6370, 24.3360,
34.5214

■ 205.6370, 24.3360,
34.5214

■ 189.4780, 32.3023,
46.0618

■ 221.7960, 16.3696,
22.9809

■ 173.9060, 39.9793,
57.0874

■ 237.3680, 8.6926,
11.9553

■ 157.4480, 48.0931,
68.0131

■ 253.8260, 0.5788,
1.0296

■ 141.8760, 55.7701,
79.0387

■ 255.0000, 0.0000,
0.0000

■ 126.3040, 63.4471,
90.0644

■ 110.1450, 71.4135,
101.6048

■ 95.7470, 78.5117,
111.6009

Harmonies

Analogous

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



198.2740, 27.9659, -9.8873



205.6370, 24.3360, 34.5214



197.3820, 7.6997, 50.5310

Triad

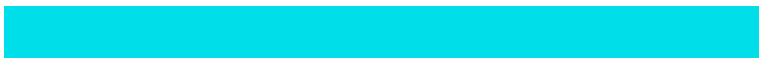
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205.6370, 24.3360, 34.5214



196.9930, -42.8875, 35.9631



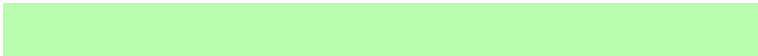
157.4630, 37.2397, -138.0951

Complementary

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



205.6370, 24.3360, 34.5214



225.3630, -24.3360, -34.5214

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.



174.6440, 6.0915, -87.3878



205.6370, 24.3360, 34.5214



193.2120, -38.5585, 0.6911

Square

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



205.6370, 24.3360, 34.5214



195.6650, -31.8798, 52.0368



186.8400, -21.1201, -39.3247



157.0360, 48.2963, -137.7206

Rectangle

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



205.6370, 24.3360, 34.5214



193.3750, -5.1149, 54.0451



186.8400, -21.1201, -39.3247



156.3400, 30.3984, -137.1102

Sweetspot

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



205.6370, 24.3360, 34.5214



240.6020, 7.0982, 9.9960



191.4630, 31.3237, -13.5611



118.5970, 4.6357, 6.4924



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.



205.6370, 24.3360, 34.5214



196.2340, 28.9716, 41.0138



205.3210, 10.1947, 43.5685



119.7710, 4.0569, 5.4628



71.7070, 58.8114, 83.5720



24.0400, 19.7003, 28.0289

Inverse Universe

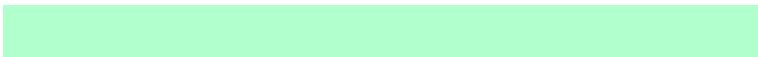
The Inverse Universe completely reimagines the original color for something new.



200.7610, -7.2772, 47.5676



190.4740, -8.6147, 56.5893



225.6790, -10.1947, -43.5685



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 205.6370, 24.3360, 34.5214 looks on a white background.

Color Contrast Check

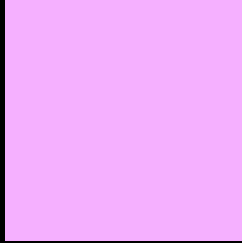
Large Text (above 18pt) WCAG AA × Fail

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 205.6370, 24.3360, 34.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

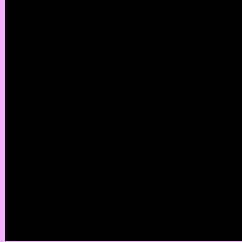
Any Text WCAG AA ✓ Pass

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 205.6370, 24.3360, 34.5214 Background



This preview shows how black text looks on a background with the YUV color 205.6370, 24.3360, 34.5214.



This preview shows how white text looks on a background with the YUV color 205.6370, 24.3360,

34.5214.

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

205.6370, 24.3360, 34.5214

Protanopia

200.6110, 26.8138, -13.6908

Deuteranopia

201.3730, 24.4661, -7.3431



Tritanopia

203.5460, -1.2552, 29.3392

Trichromacy



Original Color

205.6370, 24.3360, 34.5214



Protanomaly

202.4930, 25.8860, 3.9526



Deuteranomaly

203.0590, 24.1279, 7.8413

Tritanomaly

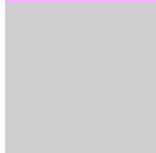
204.3750, 8.1961, 31.2431

Monochromacy



Original Color

205.6370, 24.3360, 34.5214



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.7810, 8.9820, 12.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.6370, 24.3360, 34.5214 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(245, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 176, 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(245, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 176, 255) }
```

Border

The CSS property to change the border of an element to YUV 205.6370, 24.3360, 34.5214 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(245, 176, 255) }
```


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

```
.border{ border-color:rgb(245, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 176,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 205.6370, 24.3360, 34.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 176, 255) }
```

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

```
.background{ background-color: rgb(245,  
176, 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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