

Converting Colors

YUV(169.9400, 35.0326,
57.0576)

Have a look what the booklet for
YUV(169.9400, 35.0326, 57.0576)
contains.

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Color

**YUV(169.9400, 35.0326,
57.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7BF1
RGB	235, 123, 241
RGB Percent	92%, 48%, 95%
CMY	0.0784, 0.5176, 0.0549
CMYK	0.02, 0.49, 0.00, 0.05
HSL	297°, 81%, 71%
HSV	297°, 49%, 95%
XYZ	57.2211, 38.1790, 87.5725
YIQ	169.9400, 28.8740, 60.4420

Conversions

Conversions Part 2

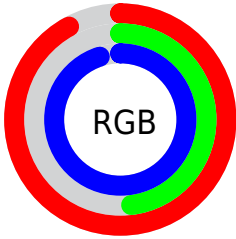
Format	Color
R _Y B	235, 123, 241
Decimal	15432689
CIE _{Lab}	68.15, 59.47, -40.90
CIE _{LCh}	68, 72.176, 325.478
Y _{xy}	38.1790, 0.3127, 0.2087
Android (android.graphics.Color)	4293622769 (0xFFEB7BF1)
YUV	169.9400, 35.0326, 57.0576
Hunter-Lab	61.7891, 57.1726, -40.7781

Details

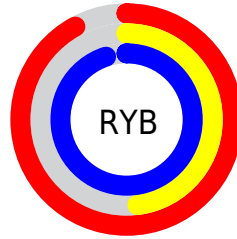
The YUV color **169.9400, 35.0326, 57.0576** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **194.0600, -35.0326, -57.0576**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3880, 21.9937, 39.1247**, and **113.8150, 34.6012, 55.4132** is the 20% darker color. If you saturate the color by 10%, you get **155.5530, 42.1254, 68.7980**, and if you desaturate by 10%, it is **184.3270, 27.9398, 45.3172**.

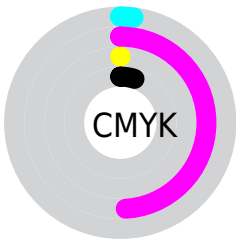
Distribution



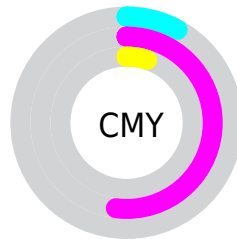
- Red (92%)
- Green (48%)
- Blue (95%)



- Red (92%)
- Yellow (48%)
- Blue (95%)



- Cyan (2%)
- Magenta (49%)
- Yellow (0%)
- Black (5%)





- Cyan (8%)
- Magenta (52%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.9400, 35.0326, 57.0576 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 169.9400, 35.0326, 57.0576 by changing the saturation by 10% instead.


 169.9400, 35.0326,
57.0576


 169.9400, 35.0326,
57.0576


255.0000, 0.0000,
0.0000


 142.1140, 34.4538,
56.0280


 210.3880, 21.9937,
39.1247


 113.8150, 34.6012,
55.4132


 227.4110, 13.6014,
24.1956

 84.7550, 35.6168,
56.3429

 244.4340, 5.2090,
9.2664

 51.1130, 39.3843,
61.2909

 40.0760, 32.0075,
47.2913

 29.1530, 25.0676,
33.1918

 19.3550, 18.5590,

20.7367

■ 3.8760, 14.8511,
-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 169.9400, 35.0326,
57.0576

■ 169.9400, 35.0326,
57.0576

■ 155.5530, 42.1254,
68.7980

■ 184.3270, 27.9398,
45.3172

■ 141.1660, 49.2182,
80.5384

■ 198.7140, 20.8470,
33.5768

■ 126.4800, 56.4584,
91.6640

■ 213.4000, 13.6068,
22.4512

■ 112.0930, 63.5512,
103.4044

■ 227.7870, 6.5140,
10.7108

97.7060, 70.6439,
115.1448

242.1740, -0.5788,
-1.0296

95.9450, 71.5121,
116.6892

249.5170, -4.1989,
-6.5924

250.1150, -4.4937,
-5.3629

250.4140, -4.6411,
-4.7481

250.7130, -4.7885,
-4.1333

Harmonies

Analogous

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



162.5350, 45.5852, -14.5012



169.9400, 35.0326, 57.0576



155.9380, 11.3696, 86.8774

Triad

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



169.9400, 35.0326, 57.0576



155.5140, -76.6684, 44.2762



140.2460, 39.8117, -122.9957

Complementary

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



169.9400, 35.0326, 57.0576



194.0600, -35.0326, -57.0576

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.



132.6080, 10.5463, -116.2972



169.9400, 35.0326, 57.0576



151.2070, -61.2341, -6.3205

Square

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



169.9400, 35.0326, 57.0576



160.5150, -51.0329, 81.9863



134.1200, -22.7372, -80.7892



141.1870, 56.1098, -123.8210

Rectangle

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



169.9400, 35.0326, 57.0576



151.5090, -8.1389, 90.7616



134.1200, -22.7372, -80.7892



138.3250, 29.9128, -121.3110

Sweetspot

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



169.9400, 35.0326, 57.0576



232.0960, 11.2917, 18.3328



141.1480, 49.2270, -15.9158



113.9010, 6.9508, 10.6108



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.



169.9400, 35.0326, 57.0576



164.5580, 44.5879, 72.3016



165.9200, 11.8714, 65.8452



112.6570, 3.6201, 5.5628



73.0020, 54.7220, 88.5752



22.2310, 16.6481, 26.9844

Inverse Universe

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



158.9660, -14.7732, 71.9438



150.6480, -19.0535, 91.5167



198.0800, -11.8714, -65.8452



111.5880, -1.7689, 7.3773



56.0420, -23.1917, 112.2192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 169.9400, 35.0326, 57.0576 looks on a white background.

Color Contrast Check

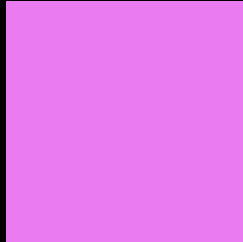
Large Text (above 18pt) WCAG AA × Fail

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 169.9400, 35.0326, 57.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

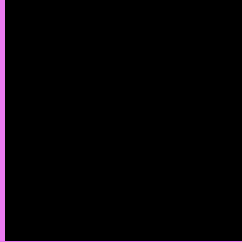
Any Text WCAG AA ✓ Pass

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 169.9400, 35.0326, 57.0576 Background



This preview shows how black text looks on a background with the YUV color 169.9400, 35.0326, 57.0576.



This preview shows how white text looks on a background with the YUV color 169.9400, 35.0326, 57.0576.

57.0576.

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

169.9400, 35.0326, 57.0576

Protanopia

165.1050, 44.3182, -28.1561

Deuteranopia

166.1740, 32.9452, -20.3236



Tritanopia

169.1740, -6.9878, 48.0824

Trichromacy



Original Color

169.9400, 35.0326, 57.0576



Protanomaly

166.7930, 41.0211, 2.8125



Deuteranomaly

167.5780, 33.7320, 7.3861



Tritanomaly

169.2080, 8.2785, 51.5606

Monochromacy



Original Color

169.9400, 35.0326, 57.0576



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.1610, 12.7386, 20.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9400, 35.0326, 57.0576 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(235, 123, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 123, 241)  
}
```

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(235, 123, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 123, 241) }
```

Border

The CSS property to change the border of an element to YUV 169.9400, 35.0326, 57.0576 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(235, 123, 241) }
```


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

```
.border{ border-color:rgb(235, 123, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 123, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 123, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 123, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 123,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 169.9400, 35.0326, 57.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 123, 241) }
```

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

```
.background{ background-color: rgb(235,  
123, 241) }
```

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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