

Converting Colors

YUV(170.0490, 33.0068,
53.4540)

Have a look what the booklet for
YUV(170.0490, 33.0068, 53.4540)
contains.

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Color

**YUV(170.0490, 33.0068,
53.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	E77EED
RGB	231, 126, 237
RGB Percent	91%, 49%, 93%
CMY	0.0941, 0.5059, 0.0706
CMYK	0.03, 0.47, 0.00, 0.07
HSL	297°, 76%, 71%
HSV	297°, 47%, 93%
XYZ	55.7019, 38.0251, 84.5245
YIQ	170.0490, 26.9490, 56.7810

Conversions

Conversions Part 2

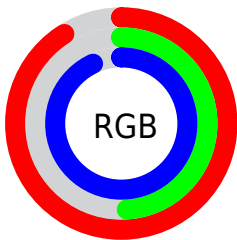
Format	Color
R _Y B	231, 126, 237
Decimal	15171309
CIE Lab	68.04, 56.18, -38.92
CIE LCh	68, 68.345, 325.292
Yxy	38.0251, 0.3125, 0.2133
Android (android.graphics.Color)	4293361389 (0xFFE77EED)
YUV	170.0490, 33.0068, 53.4540
Hunter-Lab	61.6645, 53.3274, -38.1047

Details

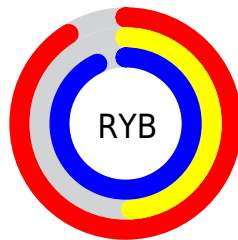
The YUV color **170.0490, 33.0068, 53.4540** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **192.9510, -33.0068, -53.4540**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **114.6250, 32.7229, 51.1949** is the 20% darker color. If you saturate the color by 10%, you get **155.6620, 40.0996, 65.1944**, and if you desaturate by 10%, it is **184.4360, 25.9141, 41.7136**.

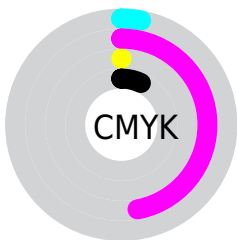
Distribution



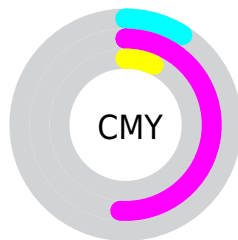
- Red (91%)
- Green (49%)
- Blue (93%)



- Red (91%)
- Yellow (49%)
- Blue (93%)



- Cyan (3%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)





- Cyan (9%)
- Magenta (51%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.0490, 33.0068, 53.4540 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 170.0490, 33.0068, 53.4540 by changing the saturation by 10% instead.


 170.0490, 33.0068,
53.4540


 170.0490, 33.0068,
53.4540


255.0000, 0.0000,
0.0000


 142.3370, 32.8649,
52.3245

 212.1490, 21.1255,
37.5803


 114.6250, 32.7229,
51.1949


 228.5850, 13.0226,
23.1660

 86.1520, 33.4491,
51.6097

 245.6080, 4.6303,
8.2368

 52.6950, 36.6324,
57.2725

 38.8370, 31.1394,
45.7470

 27.9140, 24.1994,
31.6474

 18.4150, 17.5434,

19.8070

■ 3.5340, 13.5407,
-3.0993

■ 0.3420, 1.3104,
-0.2999

■ 170.0490, 33.0068,
53.4540

■ 170.0490, 33.0068,
53.4540

■ 155.6620, 40.0996,
65.1944

■ 184.4360, 25.9141,
41.7136

■ 141.5630, 47.0504,
75.8052

■ 198.5350, 18.9632,
31.1028

■ 127.1760, 54.1432,
87.5456

■ 212.9220, 11.8705,
19.3624

■ 112.7890, 61.2360,
99.2860

■ 227.3090, 4.7777,
7.6220

98.4020, 68.3288,
111.0264

241.1090, -2.0257,
-3.6036

93.9940, 70.5020,
114.0153

248.1640, -5.5039,
-8.0368

248.4630, -5.6513,
-7.4221

248.7620, -5.7987,
-6.8073

249.3600, -6.0935,
-5.5777

Harmonies

Analogous

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



163.7200, 45.0010, -13.7864



170.0490, 33.0068, 53.4540



158.7590, 9.4858, 84.4034

Triad

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



170.0490, 33.0068, 53.4540



157.8370, -66.4746, 41.3620



139.2030, 38.3539, -122.0810

Complementary

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



170.0490, 33.0068, 53.4540



192.9510, -33.0068, -53.4540

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.



131.4340, 11.1250, -115.2676



170.0490, 33.0068, 53.4540



152.5860, -55.9979, -5.7759

Square

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



170.0490, 33.0068, 53.4540



161.1770, -48.4013, 77.8978



138.3600, -23.3485, -71.3527



140.0130, 56.6886, -122.7914

Rectangle

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



170.0490, 33.0068, 53.4540



154.6720, -8.7123, 87.9877



138.3600, -23.3485, -71.3527



136.9230, 29.6180, -120.0815

Sweetspot

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



170.0490, 33.0068, 53.4540



233.2700, 10.7129, 17.3032



142.7630, 46.4588, -14.7012



114.4880, 6.6614, 10.0960



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.



170.0490, 33.0068, 53.4540



168.6670, 42.5622, 68.6980



166.3710, 11.1561, 61.9416



110.5430, 3.1833, 5.6628



71.7630, 53.8538, 87.0308



21.4050, 16.0693, 25.9548

Inverse Universe

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



159.8730, -13.7414, 67.6404



155.6690, -17.5848, 87.1133



196.6290, -11.1561, -61.9416



109.2890, -1.6215, 6.7625



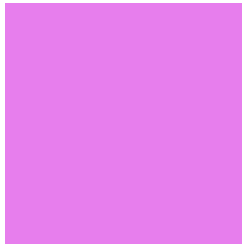
55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 170.0490, 33.0068, 53.4540 looks on a white background.

Color Contrast Check

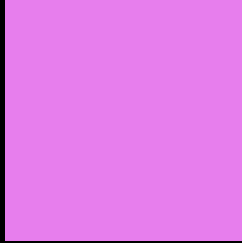
Large Text (above 18pt) WCAG AA × Fail

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 170.0490, 33.0068, 53.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

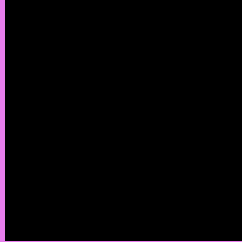
Any Text WCAG AA ✓ Pass

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 170.0490, 33.0068, 53.4540 Background



This preview shows how black text looks on a background with the YUV color 170.0490, 33.0068, 53.4540.



This preview shows how white text looks on a background with the YUV color 170.0490, 33.0068,

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

170.0490, 33.0068, 53.4540

Protanopia

164.5180, 44.6076, -27.6413

Deuteranopia

165.8430, 31.6294, -18.2793



Tritanopia

168.9780, -6.3982, 45.6233

Trichromacy



Original Color

170.0490, 33.0068, 53.4540



Protanomaly

166.8530, 40.0055, 1.8829



Deuteranomaly

167.2360, 32.4217, 7.6860



Tritanomaly

169.3710, 7.7051, 48.7866

Monochromacy



Original Color

170.0490, 33.0068, 53.4540



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9220, 11.8705, 19.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0490, 33.0068, 53.4540 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(231, 126, 237)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 237)  
}
```

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(231, 126, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 237) }
```

Border

The CSS property to change the border of an element to YUV 170.0490, 33.0068, 53.4540 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(231, 126, 237) }
```


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

```
.border{ border-color:rgb(231, 126, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 126, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 126, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 126, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 126,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 170.0490, 33.0068, 53.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 237) }
```

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

```
.background{ background-color: rgb(231,  
126, 237) }
```

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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