

Converting Colors

YUV(158.4310, 30.3535,
64.5200)

Have a look what the booklet for
YUV(158.4310, 30.3535, 64.5200)
contains.

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Color

**YUV(158.4310, 30.3535,
64.5200)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E86DDC |
| RGB | 232, 109, 220 |
| RGB Percent | 91%, 43%, 86% |
| CMY | 0.0902, 0.5725, 0.1373 |
| CMYK | 0.00, 0.53, 0.05, 0.09 |
| HSL | 306°, 73%, 67% |
| HSV | 306°, 53%, 91% |
| XYZ | 51.6656, 33.2604, 71.4070 |
| YIQ | 158.4310, 37.6770, 60.5970 |

Conversions

Conversions Part 2

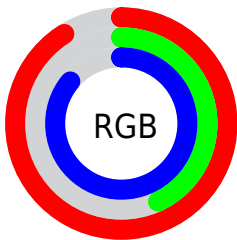
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 109, 220 |
| Decimal | 15232476 |
| CIE Lab | 64.37, 61.63, -35.19 |
| CIE LCh | 64, 70.972, 330.274 |
| Yxy | 33.2604, 0.3305, 0.2128 |
| Android (android.graphics.Color) | 4293422556 (0xFFE86DDC) |
| YUV | 158.4310, 30.3535, 64.5200 |
| Hunter-Lab | 57.6718, 58.9845, -33.0403 |

Details

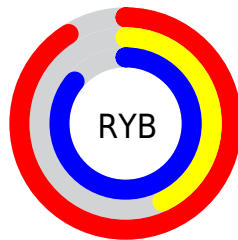
The YUV color **158.4310, 30.3535, 64.5200** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **182.5690, -30.3535, -64.5200**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **101.3600, 31.3745, 63.7053** is the 20% darker color. If you saturate the color by 10%, you get **144.7020, 36.1359, 76.5603**, and if you desaturate by 10%, it is **172.1600, 24.5711, 52.4797**.

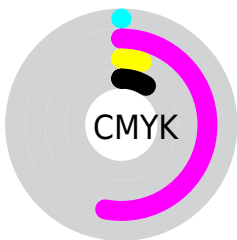
Distribution



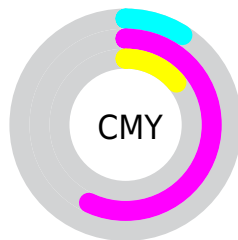
- Red (91%)
- Green (43%)
- Blue (86%)



- Red (91%)
- Yellow (43%)
- Blue (86%)



- Cyan (0%)
- Magenta (53%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (57%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.4310, 30.3535, 64.5200 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 158.4310, 30.3535, 64.5200 by changing the saturation by 10% instead.

 158.4310, 30.3535,
64.5200


 158.4310, 30.3535,
64.5200


255.0000, 0.0000,
0.0000


 130.1320, 30.5009,
63.9052


 202.1700, 26.0452,
46.3319

 101.3600, 31.3745,
63.7053


 219.1930, 17.6529,
31.4027


 67.3050, 34.8526,
68.1385

 236.2160, 9.2605,
16.4736

 48.0500, 31.5274,
61.3462

 253.2390, 0.8682,
1.5444

 36.8280, 24.7348,
46.6318

 26.3180, 18.0842,
33.0471

 16.0360, 12.3073,

19.2624

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 158.4310, 30.3535,
64.5200

■ 158.4310, 30.3535,
64.5200

■ 144.7020, 36.1359,
76.5603

■ 172.1600, 24.5711,
52.4797

■ 130.8590, 41.4815,
88.7007

■ 186.0030, 19.2255,
40.3394

■ 116.5430, 47.5533,
101.2558

■ 200.3190, 13.1537,
27.7842

■ 102.8140, 53.3357,
113.2961

■ 214.0480, 7.3713,
15.7439

93.1940, 57.0924,
121.7329

227.7770, 1.5889,
3.7036

241.6200, -3.7567,
-8.4367

245.9570, -4.9088,
-12.2403

246.1850, -4.0352,
-12.4402

246.4130, -3.1616,
-12.6402

Harmonies

Analogous

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



156.7090, 48.4575, -2.3758



158.4310, 30.3535, 64.5200



147.0870, 5.3801, 94.6397

Triad

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



158.4310, 30.3535, 64.5200



145.4250, -71.6945, 35.5843



133.4470, 41.6846, -117.0330

Complementary

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



158.4310, 30.3535, 64.5200



182.5690, -30.3535, -64.5200

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.



126.2650, 14.1664, -110.7344



158.4310, 30.3535, 64.5200



139.9330, -55.6760, -15.7272

Square

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



158.4310, 30.3535, 64.5200



149.9610, -54.2108, 74.5792



116.3930, -13.5047, -102.0767



133.5560, 59.8719, -117.1286

Rectangle

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



158.4310, 30.3535, 64.5200



145.2340, -14.4124, 96.2648



116.3930, -13.5047, -102.0767



131.1670, 32.9487, -115.0335

Sweetspot

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



158.4310, 30.3535, 64.5200



230.4770, 10.1178, 21.5067



126.0120, 52.2521, -6.1495



112.9830, 5.9244, 13.1699



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.



158.4310, 30.3535, 64.5200



157.4950, 40.1820, 85.5119



151.5910, 4.1456, 70.5187



107.8420, 3.0359, 6.2776



71.8750, 43.9386, 93.9486



20.4930, 12.5750, 26.7546

Inverse Universe

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



158.4310, 30.3535, 64.5200



157.4950, 40.1820, 85.5119



189.4090, -4.1456, -70.5187



107.8420, 3.0359, 6.2776



71.8750, 43.9386, 93.9486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 158.4310, 30.3535, 64.5200 looks on a white background.

Color Contrast Check

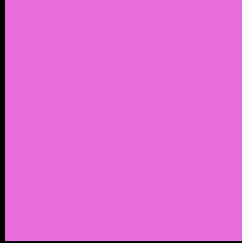
Large Text (above 18pt) WCAG AA × Fail

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 158.4310, 30.3535, 64.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

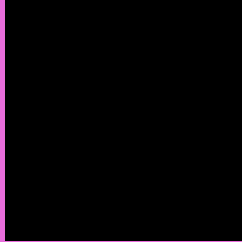
Any Text WCAG AA ✓ Pass

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 158.4310, 30.3535, 64.5200 Background



This preview shows how black text looks on a background with the YUV color 158.4310, 30.3535, 64.5200.



This preview shows how white text looks on a background with the YUV color 158.4310, 30.3535,

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

158.4310, 30.3535, 64.5200

Protanopia

153.5650, 50.0075, -32.9445

Deuteranopia

156.4260, 27.3980, -14.4056



Tritanopia

158.1320, -9.9251, 56.8892

Trichromacy



Original Color

158.4310, 30.3535, 64.5200



Protanomaly

155.2490, 42.7682, 2.4126



Deuteranomaly

157.2430, 28.4742, 13.8189



Tritanomaly

158.3400, 4.7624, 59.3378

Monochromacy



Original Color

158.4310, 30.3535, 64.5200



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.1290, 11.2754, 23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4310, 30.3535, 64.5200 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(232, 109, 220)` looks like.

```
.text, #text, p{  
    color:rgb(232, 109, 220)  
}
```

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(232, 109, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 109, 220) }
```

Border

The CSS property to change the border of an element to YUV 158.4310, 30.3535, 64.5200 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(232, 109, 220) }
```


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

```
.border{ border-color:rgb(232, 109, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 109, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 109, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 109, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 109,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 158.4310, 30.3535, 64.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 109, 220) }
```

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

```
.background{ background-color: rgb(232,  
109, 220) }
```

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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