

Converting Colors

YUV(135.3430, 30.3969,
50.5652)

Have a look what the booklet for
YUV(135.3430, 30.3969, 50.5652)
contains.

YUV(135.3430, 30.3969, 50.5652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.3430, 30.3969,
50.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	C15EC5
RGB	193, 94, 197
RGB Percent	76%, 37%, 77%
CMY	0.2431, 0.6314, 0.2275
CMYK	0.02, 0.52, 0.00, 0.23
HSL	298°, 47%, 57%
HSV	298°, 52%, 77%
XYZ	36.0731, 23.3741, 55.4337
YIQ	135.3430, 25.9410, 53.0210

Conversions

Conversions Part 2

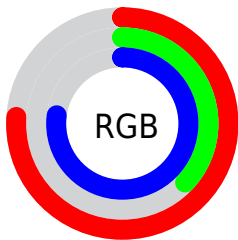
Format	Color
R_{YB}	193, 94, 197
Decimal	12672709
CIE _{Lab}	55.46, 54.01, -36.50
CIE _{LCh}	55, 65.186, 325.950
Yxy	23.3741, 0.3140, 0.2035
Android (android.graphics.Color)	4290862789 (0xFFC15EC5)
YUV	135.3430, 30.3969, 50.5652
Hunter-Lab	48.3467, 48.5778, -34.1384

Details

The YUV color **135.3430, 30.3969, 50.5652** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **155.6570, -30.3969, -50.5652**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8810, 31.1177, 52.7244**, and **80.1580, 30.9811, 49.8504** is the 20% darker color. If you saturate the color by 10%, you get **123.3040, 36.3321, 60.2464**, and if you desaturate by 10%, it is **147.3820, 24.4617, 40.8840**.

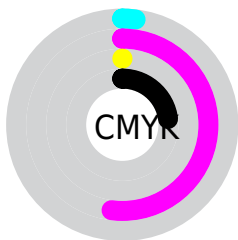
Distribution



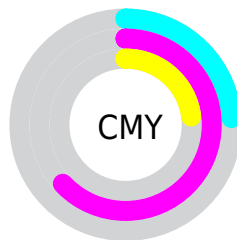
- Red (76%)
- Green (37%)
- Blue (77%)



- Red (76%)
- Yellow (37%)
- Blue (77%)



- Cyan (2%)
- Magenta (52%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (63%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3430, 30.3969, 50.5652 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 135.3430, 30.3969, 50.5652 by changing the saturation by 10% instead.

■ 135.3430, 30.3969,
50.5652

■ 135.3430, 30.3969,
50.5652

255.0000, 0.0000,
0.0000

■ 107.9300, 30.1075,
50.0504

■ 190.8810, 31.1177,
52.7244

■ 80.1580, 30.9811,
49.8504

■ 208.6270, 22.8619,
40.6691

■ 46.2280, 34.8906,
55.9280

■ 225.0630, 14.7589,
26.2547

■ 35.3050, 27.9506,
41.8285

■ 242.0860, 6.3666,
11.3256

■ 24.7950, 21.3001,
28.2438

■ 14.9970, 14.7915,
15.7886

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 135.3430, 30.3969,
50.5652

■ 135.3430, 30.3969,
50.5652

■ 123.3040, 36.3321,
60.2464

■ 147.3820, 24.4617,
40.8840

■ 111.8520, 41.9780,
69.4128

■ 158.8340, 18.8158,
31.7176

■ 100.1120, 47.7658,
79.7088

■ 170.5740, 13.0280,
21.4216

■ 88.0730, 53.7010,
89.3900

■ 182.6130, 7.0928,
11.7404

■ 78.9690, 58.1893,
96.4972

■ 194.6520, 1.1576,
2.0592

■ 206.1040, -4.4883,
-7.1072

■ 217.8440,
-10.2761, -17.4032

■ 229.8830,
-16.2113, -27.0844

■ 231.9430,
-17.2269, -28.0140

Harmonies

Analogous

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



132.2020, 50.6794, -15.0862



135.3430, 30.3969, 50.5652



127.9120, 7.4384, 87.7772

Triad

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



135.3430, 30.3969, 50.5652



124.7700, -61.5116, 36.1587



113.3800, 33.3367, -99.4343

Complementary

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



135.3430, 30.3969, 50.5652



155.6570, -30.3969, -50.5652

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.



106.7680, 8.0024, -93.6355



135.3430, 30.3969, 50.5652



117.8310, -57.5977, -5.9908

Square

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



135.3430, 30.3969, 50.5652



127.0450, -44.8852, 70.1205



98.1070, -16.3218, -85.1628



116.1620, 54.1501, -101.8741

Rectangle

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



135.3430, 30.3969, 50.5652



125.6620, -10.1864, 94.1354



98.1070, -16.3218, -85.1628



111.8010, 24.7481, -98.0495

Sweetspot

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



135.3430, 30.3969, 50.5652



230.3350, 12.1598, 19.8772



108.6770, 43.5432, -12.8717



113.0260, 7.3822, 12.2552



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.



135.3430, 30.3969, 50.5652



158.6990, 47.4764, 79.1940



131.2950, 9.7146, 57.6233



93.7170, 2.6045, 4.6332



65.5250, 48.0552, 80.2236



14.2700, 10.7129, 17.3032

Inverse Universe

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



125.2530, -13.4357, 62.9221



142.9370, -20.6749, 98.2793



159.7050, -9.7146, -57.6233



92.6910, -1.3267, 5.5330



49.4210, -21.4066, 99.6088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 135.3430, 30.3969, 50.5652 looks on a white background.

Color Contrast Check

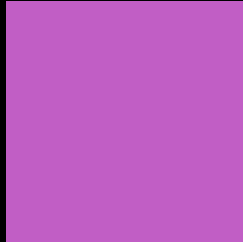
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3430, 30.3969, 50.5652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

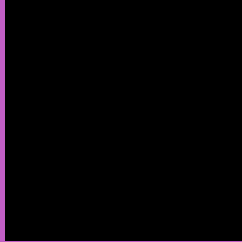
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 135.3430, 30.3969, 50.5652 Background



This preview shows how black text looks on a background with the YUV color 135.3430, 30.3969, 50.5652.



This preview shows how white text looks on a background with the YUV color 135.3430, 30.3969,

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

135.3430, 30.3969, 50.5652

Protanopia

129.3260, 49.1393, -34.4889

Deuteranopia

132.6320, 28.2824, -18.0943



Tritanopia

135.1410, -6.9715, 42.8493

Trichromacy



Original Color

135.3430, 30.3969, 50.5652



Protanomaly

131.3900, 42.2057, -3.8500



Deuteranomaly

133.4270, 29.3695, 6.6415



Tritanomaly

135.1210, 6.8423, 45.4979

Monochromacy



Original Color

135.3430, 30.3969, 50.5652



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0960, 11.2917, 18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3430, 30.3969, 50.5652 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(193, 94, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 94, 197)  
}
```

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(193, 94, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 94, 197) }
```

Border

The CSS property to change the border of an element to YUV 135.3430, 30.3969, 50.5652 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(193, 94, 197) }
```


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

```
.border{ border-color:rgb(193, 94, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 94, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 94, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 94, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 94,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 135.3430, 30.3969, 50.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 94, 197) }
```

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

```
.background{ background-color: rgb(193, 94,  
197) }
```

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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