

Converting Colors

YUV(133.9410, 50.3151,
55.3027)

Have a look what the booklet for
YUV(133.9410, 50.3151, 55.3027)
contains.

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Color

**YUV(133.9410, 50.3151,
55.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	C552EC
RGB	197, 82, 236
RGB Percent	77%, 32%, 93%
CMY	0.2275, 0.6784, 0.0745
CMYK	0.17, 0.65, 0.00, 0.07
HSL	285°, 80%, 62%
HSV	285°, 65%, 93%
XYZ	41.1836, 23.9610, 81.8112
YIQ	133.9410, 19.1060, 72.2740

Conversions

Conversions Part 2

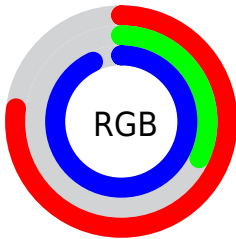
Format	Color
R_{YB}	197, 82, 236
Decimal	12931820
CIE _{Lab}	56.05, 67.80, -57.60
CIE _{LCh}	56, 88.964, 319.650
Yxy	23.9610, 0.2802, 0.1630
Android (android.graphics.Color)	4291121900 (0xFFC552EC)
YUV	133.9410, 50.3151, 55.3027
Hunter-Lab	48.9500, 64.5166, -64.8277

Details

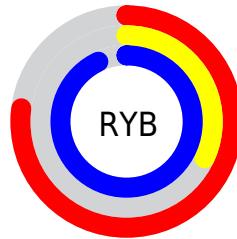
The YUV color **133.9410, 50.3151, 55.3027** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **184.0590, -50.3151, -55.3027**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3210, 33.8587, 60.2315**, and **69.0110, 54.2246, 61.3804** is the 20% darker color. If you saturate the color by 10%, you get **118.0590, 58.1449, 63.9693**, and if you desaturate by 10%, it is **149.8230, 42.4853, 46.6362**.

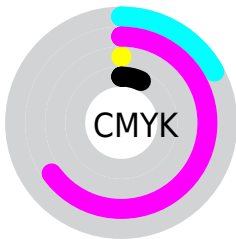
Distribution



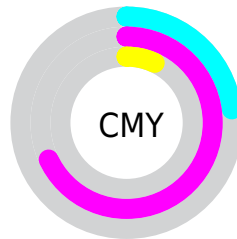
- Red (77%)
- Green (32%)
- Blue (93%)



- Red (77%)
- Yellow (32%)
- Blue (93%)



- Cyan (17%)
- Magenta (65%)
- Yellow (0%)
- Black (7%)





- Cyan (23%)
- Magenta (68%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.9410, 50.3151, 55.3027 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 133.9410, 50.3151, 55.3027 by changing the saturation by 10% instead.


 133.9410, 50.3151,
55.3027


 133.9410, 50.3151,
55.3027


255.0000, 0.0000,
0.0000


 104.3540, 50.6045,
55.8175


 186.3210, 33.8587,
60.2315

 69.0110, 54.2246,
61.3804


 203.3440, 25.4664,
45.3023

 50.5170, 50.0311,
53.0436


 219.7800, 17.3635,
30.8879

 38.7680, 42.5124,
37.9145

 237.3900, 8.6817,
15.4440

 27.5460, 35.7198,
23.2002

254.4130, 0.2894,
0.5148

 16.0250, 29.0747,
7.8711

 5.8140, 22.2767,

-5.0989

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 133.9410, 50.3151,
55.3027

■ 133.9410, 50.3151,
55.3027

■ 118.0590, 58.1449,
63.9693

■ 149.8230, 42.4853,
46.6362

■ 102.7640, 65.6853,
72.1210

■ 165.1180, 34.9448,
38.4845

■ 86.8820, 73.5152,
80.7875

■ 181.0000, 27.1150,
29.8180

■ 79.5280, 77.1407,
84.6059

■ 196.2950, 19.5746,
21.6663

212.1770, 11.7447,
12.9998

228.0590, 3.9149,
4.3333

243.3540, -3.6255,
-3.8185

249.8440, -6.8251,
-4.2482

251.6380, -7.7095,
-0.5595

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



133.9410, 50.3151, 55.3027



95.6420, 34.1935, 139.7570

Triad

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



133.9410, 50.3151, 55.3027



126.9290, -62.5760, 50.9283



119.1190, 32.4793, -104.4674

Complementary

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



133.9410, 50.3151, 55.3027



184.0590, -50.3151, -55.3027

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.



108.7110, -2.3225, -95.3395



133.9410, 50.3151, 55.3027



120.0870, -59.2029, -4.4613

Square

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



133.9410, 50.3151, 55.3027



118.4100, -58.3761, 104.0034



93.3330, -46.0132, -81.8530



124.9960, 62.6130, -109.6215

Rectangle

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



133.9410, 50.3151, 55.3027



89.1270, 11.7694, 145.4706



93.3330, -46.0132, -81.8530



115.4540, 20.9752, -101.2532

Sweetspot

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



133.9410, 50.3151, 55.3027



221.1760, 16.6752, 18.2626



123.6230, 55.4019, -36.5034



107.4110, 10.1504, 11.0406



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.



133.9410, 50.3151, 55.3027



123.2370, 64.9592, 71.7062



141.4980, 28.8415, 82.8783



109.6460, 3.6255, 3.8185



60.9990, 59.1605, 64.8989



18.1160, 17.6908, 19.1923

Inverse Universe

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



132.4920, -5.6656, 90.7765



121.2010, -7.4941, 117.3417



176.5020, -28.8415, -82.8783



109.6310, -0.3111, 6.4626



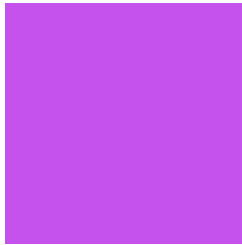
59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 133.9410, 50.3151, 55.3027 looks on a white background.

Color Contrast Check

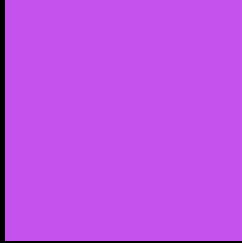
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9410, 50.3151, 55.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

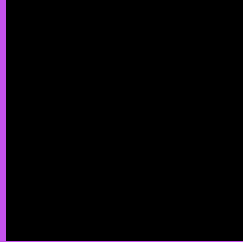
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9410, 50.3151, 55.3027

Background



This preview shows how black text looks on a background with the YUV color 133.9410, 50.3151, 55.3027.



This preview shows how white text looks on a background with the YUV color 133.9410, 50.3151, 55.3027.

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

133.9410, 50.3151, 55.3027

Protanopia

125.4020, 63.8918, -52.9726

Deuteranopia

126.8250, 48.8933, -48.9585



Tritanopia

136.4610, -5.6503, 39.0607

Trichromacy



Original Color

133.9410, 50.3151, 55.3027



Protanomaly

128.3900, 58.9677, -13.4970



Deuteranomaly

129.2950, 49.6476, -10.7827



Tritanomaly

135.7710, 14.4099, 44.9278

Monochromacy



Original Color

133.9410, 50.3151, 55.3027



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.9420, 18.2696, 20.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9410, 50.3151, 55.3027 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(197, 82, 236)` looks like.

```
.text, #text, p{  
    color:rgb(197, 82, 236)  
}
```

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(197, 82, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 82, 236) }
```

Border

The CSS property to change the border of an element to YUV 133.9410, 50.3151, 55.3027 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(197, 82, 236) }
```


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

```
.border{ border-color:rgb(197, 82, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 82, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 82, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 82, 236);  
box-shadow:4px 4px 4px 4px rgb(197, 82,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 133.9410, 50.3151, 55.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 82, 236) }
```

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

```
.background{ background-color: rgb(197, 82,  
236) }
```

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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