

Converting Colors

YUV(134.1750, 48.7207,
53.3435)

Have a look what the booklet for
YUV(134.1750, 48.7207, 53.3435)
contains.

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Color

**YUV(134.1750, 48.7207,
53.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	C354E9
RGB	195, 84, 233
RGB Percent	76%, 33%, 91%
CMY	0.2353, 0.6706, 0.0863
CMYK	0.16, 0.64, 0.00, 0.09
HSL	285°, 77%, 62%
HSV	285°, 64%, 91%
XYZ	40.3840, 23.8259, 79.5612
YIQ	134.1750, 18.3270, 69.8710

Conversions

Conversions Part 2

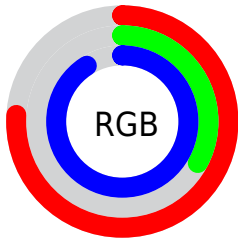
Format	Color
R _{YB}	195, 84, 233
Decimal	12801257
CIE _{Lab}	55.91, 65.92, -56.15
CIE _{LCh}	56, 86.593, 319.575
Yxy	23.8259, 0.2809, 0.1657
Android (android.graphics.Color)	4290991337 (0xFFC354E9)
YUV	134.1750, 48.7207, 53.3435
Hunter-Lab	48.8118, 62.2595, -62.4719

Details

The YUV color **134.1750, 48.7207, 53.3435** 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 **182.8250, -48.7207, -53.3435**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4950, 33.2800, 59.2019**, and **72.1800, 51.1833, 56.8471** is the 20% darker color. If you saturate the color by 10%, you get **118.8800, 56.2612, 61.4952**, and if you desaturate by 10%, it is **149.4700, 41.1803, 45.1918**.

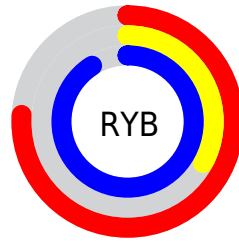
Distribution



Red (76%)

Green (33%)

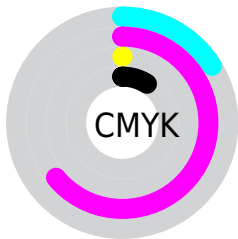
Blue (91%)



Red (76%)

Yellow (33%)

Blue (91%)

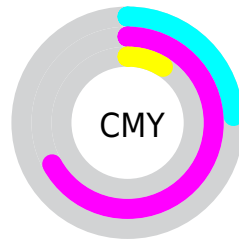


Cyan (16%)

Magenta (64%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (67%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.1750, 48.7207, 53.3435 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 134.1750, 48.7207, 53.3435 by changing the saturation by 10% instead.

134.1750, 48.7207,
53.3435

134.1750, 48.7207,
53.3435

255.0000, 0.0000,
0.0000

105.1750, 48.7207,
53.3435

187.4950, 33.2800,
59.2019

72.1800, 51.1833,
56.8471

203.9310, 25.1770,
44.7875

49.5770, 49.0155,
52.1140

220.9540, 16.7847,
29.8583

38.2410, 41.7862,
37.4996

237.9770, 8.3923,
14.9292

26.9050, 34.5568,
22.8853

15.3840, 27.9117,
7.5562

5.5860, 21.4031,

-4.8989

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 134.1750, 48.7207,
53.3435

■ 134.1750, 48.7207,
53.3435

■ 118.8800, 56.2612,
61.4952

■ 149.4700, 41.1803,
45.1918

■ 102.9980, 64.0910,
70.1618

■ 165.3520, 33.3505,
36.5253

■ 87.7030, 71.6314,
78.3135

■ 180.6470, 25.8100,
28.3736

■ 78.5880, 76.1251,
83.6763

■ 195.9420, 18.2696,
20.2219

211.8240, 10.4398,
11.5554

227.1190, 2.8993,
3.4036

242.4140, -4.6411,
-4.7481

248.9040, -7.8407,
-5.1778

250.3990, -8.5777,
-2.1039

Harmonies

Analogous

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



106.9190, 73.0039, -82.3670



134.1750, 48.7207, 53.3435



106.6590, 28.2691, 126.5871

Triad

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



134.1750, 48.7207, 53.3435



126.0430, -62.1392, 50.8283



118.3040, 31.8951, -103.7526

Complementary

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



134.1750, 48.7207, 53.3435



182.8250, -48.7207, -53.3435

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.



108.1240, -2.0331, -94.8247



134.1750, 48.7207, 53.3435



119.7990, -59.0609, -3.3317

Square

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



134.1750, 48.7207, 53.3435



119.1000, -58.2233, 101.6443



93.6580, -42.2294, -82.1381



124.0670, 61.5920, -108.8068

Rectangle

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



134.1750, 48.7207, 53.3435



89.2410, 12.2062, 145.3706



93.6580, -42.2294, -82.1381



114.7530, 20.8278, -100.6384

Sweetspot

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



134.1750, 48.7207, 53.3435



223.2360, 15.6597, 17.3330



124.4660, 53.5073, -35.4887



107.9980, 9.8610, 10.5258



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.



134.1750, 48.7207, 53.3435



124.9980, 64.0910, 70.1618



141.5470, 27.8313, 80.2043



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.



132.8830, -5.3653, 87.8026



123.3040, -7.0519, 115.4974



175.4530, -27.8313, -80.2043



109.6310, -0.3111, 6.4626



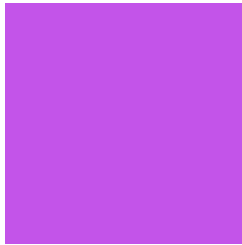
59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 134.1750, 48.7207, 53.3435 looks on a white background.

Color Contrast Check

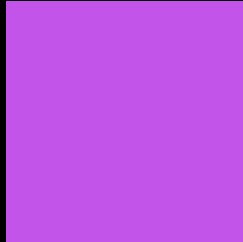
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.1750, 48.7207, 53.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

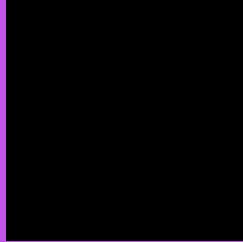
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.1750, 48.7207, 53.3435

Background



This preview shows how black text looks on a background with the YUV color 134.1750, 48.7207, 53.3435.



This preview shows how white text looks on a background with the YUV color 134.1750, 48.7207, 53.3435.

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

134.1750, 48.7207, 53.3435

Protanopia

124.5160, 64.3286, -53.0725

Deuteranopia

126.9070, 47.8668, -46.3994



Tritanopia

135.8630, -5.3555, 37.8311

Trichromacy



Original Color

134.1750, 48.7207, 53.3435



Protanomaly

127.9770, 58.6783, -14.0118



Deuteranomaly

129.2520, 48.1898, -9.8680



Tritanomaly

135.0590, 14.2679, 43.7983

Monochromacy



Original Color

134.1750, 48.7207, 53.3435



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1160, 17.6908, 19.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.1750, 48.7207, 53.3435 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(195, 84, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 84, 233)  
}
```

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(195, 84, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 84, 233) }
```

Border

The CSS property to change the border of an element to YUV 134.1750, 48.7207, 53.3435 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(195, 84, 233) }
```


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

```
.border{ border-color:rgb(195, 84, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 84, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 84, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 84, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 84,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 134.1750, 48.7207, 53.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 84, 233) }
```

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

```
.background{ background-color: rgb(195, 84,  
233) }
```

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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