

Converting Colors

YUV(141.8120, 25.7287,
54.5389)

Have a look what the booklet for
YUV(141.8120, 25.7287, 54.5389)
contains.

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Color

**YUV(141.8120, 25.7287,
54.5389)**

Conversions

Conversions Part 1

Format	Color
Hex	CC64C2
RGB	204, 100, 194
RGB Percent	80%, 39%, 76%
CMY	0.2000, 0.6078, 0.2392
CMYK	0.00, 0.51, 0.05, 0.20
HSL	306°, 50%, 60%
HSV	306°, 51%, 80%
XYZ	39.1966, 25.8468, 53.9620
YIQ	141.8120, 31.8100, 51.2820

Conversions

Conversions Part 2

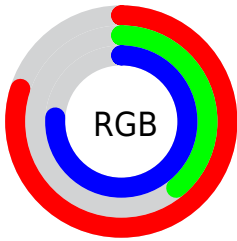
Format	Color
R_{YB}	204, 100, 194
Decimal	13395138
CIE _{Lab}	57.89, 53.67, -30.87
CIE _{LCh}	58, 61.918, 330.091
Yxy	25.8468, 0.3294, 0.2172
Android (android.graphics.Color)	4291585218 (0xFFCC64C2)
YUV	141.8120, 25.7287, 54.5389
Hunter-Lab	50.8397, 48.6512, -27.3434

Details

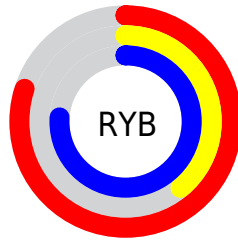
The YUV color **141.8120, 25.7287, 54.5389** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **162.1880, -25.7287, -54.5389**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8440, 27.1919, 51.8798**, and **86.3280, 26.4603, 53.2093** is the 20% darker color. If you saturate the color by 10%, you get **129.8440, 30.6429, 65.0348**, and if you desaturate by 10%, it is **153.7800, 20.8145, 44.0429**.

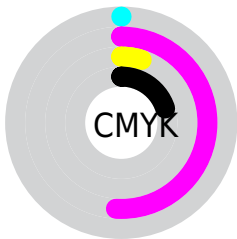
Distribution



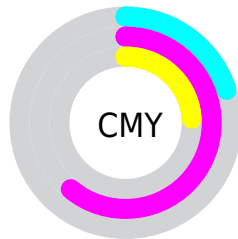
- Red (80%)
- Green (39%)
- Blue (76%)



- Red (80%)
- Yellow (39%)
- Blue (76%)



- Cyan (0%)
- Magenta (51%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (61%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.8120, 25.7287, 54.5389 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 141.8120, 25.7287, 54.5389 by changing the saturation by 10% instead.


 141.8120, 25.7287,
54.5389


 141.8120, 25.7287,
54.5389


255.0000, 0.0000,
0.0000


 114.2140, 26.0235,
53.3093


 195.8440, 27.1919,
51.8798


 86.3280, 26.4603,
53.2093

 212.7360, 20.8362,
37.0655


 54.7460, 29.2122,
57.2278

 229.1720, 12.7332,
22.6512

 37.9530, 25.1662,
48.2762

 246.1950, 4.3409,
7.7220

 27.5570, 18.9524,
34.5915

 18.0580, 12.2964,
22.7511

 2.3940, 9.1728,

-2.0995

■ 0.0000, 0.0000,
0.0000

■ 141.8120, 25.7287,
54.5389

■ 141.8120, 25.7287,
54.5389

■ 129.8440, 30.6429,
65.0348

■ 153.7800, 20.8145,
44.0429

■ 117.2890, 35.8465,
76.0455

■ 166.3350, 15.6108,
33.0322

■ 105.3210, 40.7607,
86.5415

■ 178.3030, 10.6966,
22.5363

■ 92.7660, 45.9644,
97.5522

■ 190.8580, 5.4930,
11.5255

■ 81.9720, 50.2998,
107.0186

■ 202.8260, 0.5788,
1.0296

■ 214.7940, -4.3354,
-9.4663

■ 227.3490, -9.5391,
-20.4771

■ 234.6210,
-12.1382, -26.8546

■ 234.8490,
-11.2646, -27.0546

Harmonies

Analogous

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



141.1990, 45.2579, -2.8055



141.8120, 25.7287, 54.5389



135.9350, 2.4970, 86.0030

Triad

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



141.8120, 25.7287, 54.5389



130.5090, -62.3689, 31.1256



118.1560, 36.4051, -103.6228

Complementary

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



141.8120, 25.7287, 54.5389



162.1880, -25.7287, -54.5389

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.



112.0000, 12.8180, -98.2240



141.8120, 25.7287, 54.5389



126.4740, -46.0827, -12.6937

Square

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



141.8120, 25.7287, 54.5389



134.1860, -45.4477, 63.8579



103.2680, -10.4851, -90.5660



119.3080, 56.0502, -104.6331

Rectangle

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



141.8120, 25.7287, 54.5389



134.1900, -14.3907, 89.2874



103.2680, -10.4851, -90.5660



116.2180, 28.9795, -101.9232

Sweetspot

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



141.8120, 25.7287, 54.5389



232.2380, 9.2497, 19.9623



114.5470, 44.1003, -4.8647



114.1570, 5.3456, 12.1403



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.



141.8120, 25.7287, 54.5389



161.7180, 38.5930, 81.8083



135.9980, 3.4520, 59.6378



96.0160, 2.4571, 5.2480



66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Inverse Universe

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



141.8120, 25.7287, 54.5389



161.7180, 38.5930, 81.8083



168.0020, -3.4520, -59.6378



96.0160, 2.4571, 5.2480



66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 141.8120, 25.7287, 54.5389 looks on a white background.

Color Contrast Check

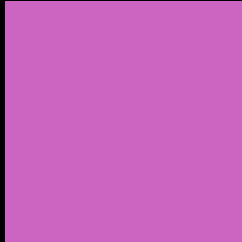
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.8120, 25.7287, 54.5389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

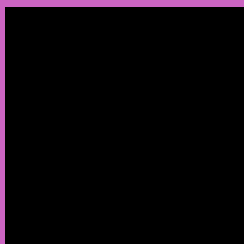
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.8120, 25.7287, 54.5389

Background



This preview shows how black text looks on a background with the YUV color 141.8120, 25.7287, 54.5389.



This preview shows how white text looks on a background with the YUV color 141.8120, 25.7287,

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

141.8120, 25.7287, 54.5389

Protanopia

137.6490, 42.5710, -27.7562

Deuteranopia

139.4110, 23.4614, -11.7614



Tritanopia

140.9460, -7.8614, 48.2824

Trichromacy



Original Color

141.8120, 25.7287, 54.5389



Protanomaly

139.5280, 36.2217, 2.1679



Deuteranomaly

140.4940, 24.4065, 11.8448



Tritanomaly

141.1710, 4.3527, 50.7160

Monochromacy



Original Color

141.8120, 25.7287, 54.5389



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.2380, 9.2497, 19.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.8120, 25.7287, 54.5389 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(204, 100, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 100, 194)  
}
```

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(204, 100, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 100, 194) }
```

Border

The CSS property to change the border of an element to YUV 141.8120, 25.7287, 54.5389 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(204, 100, 194) }
```


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

```
.border{ border-color:rgb(204, 100, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 100, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 100, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 100, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 100,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 141.8120, 25.7287, 54.5389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 100, 194) }
```

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

```
.background{ background-color: rgb(204,  
100, 194) }
```

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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