

Converting Colors

YUV(140.5480, 56.4248,
55.6474)

Have a look what the booklet for
YUV(140.5480, 56.4248, 55.6474)
contains.

YUV(140.5480, 56.4248, 55.6474)	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(140.5480, 56.4248,
55.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	CC56FF
RGB	204, 86, 255
RGB Percent	80%, 34%, 100%
CMY	0.2000, 0.6627, 0.0000
CMYK	0.20, 0.66, 0.00, 0.00
HSL	282°, 100%, 67%
HSV	282°, 66%, 100%
XYZ	46.2796, 26.7129, 97.3246
YIQ	140.5480, 16.0790, 77.5750

Conversions

Conversions Part 2

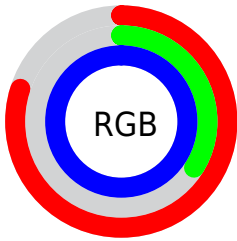
Format	Color
R_{YB}	204, 86, 255
Decimal	13391615
CIE _{Lab}	58.71, 71.34, -63.85
CIE _{LCh}	59, 95.742, 318.172
Yxy	26.7129, 0.2717, 0.1568
Android (android.graphics.Color)	4291581695 (0xFFCC56FF)
YUV	140.5480, 56.4248, 55.6474
Hunter-Lab	51.6846, 69.3853, -75.4669

Details

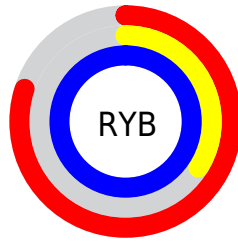
The YUV color **140.5480, 56.4248, 55.6474** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **200.4520, -56.4248, -55.6474**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **75.7920, 59.7555, 60.6954** is the 20% darker color. If you saturate the color by 10%, you get **123.4810, 64.8389, 63.5992**, and if you desaturate by 10%, it is **158.2020, 47.7214, 47.1808**.

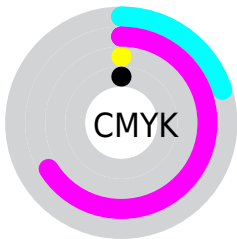
Distribution



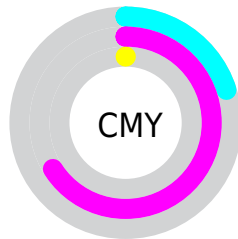
- Red (80%)
- Green (34%)
- Blue (100%)



- Red (80%)
- Yellow (34%)
- Blue (100%)



- Cyan (20%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.5480, 56.4248, 55.6474 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 140.5480, 56.4248, 55.6474 by changing the saturation by 10% instead.


 140.5480, 56.4248,
55.6474


 140.5480, 56.4248,
55.6474

255.0000, 0.0000,
0.0000


 110.6620, 56.8616,
55.5474


 189.2560, 32.4118,
57.6575

 75.7920, 59.7555,
60.6954


 206.2790, 24.0195,
42.7283


 53.9500, 56.7196,
54.4178

 222.7150, 15.9165,
28.3139

 42.2010, 49.2009,
39.2887

 240.3250, 7.2348,
12.8700

 30.5660, 42.1190,
24.0596

 18.9310, 35.0370,
8.8305

 7.5240, 28.8287,

-6.5985

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 140.5480, 56.4248,
55.6474

■ 140.5480, 56.4248,
55.6474

■ 123.4810, 64.8389,
63.5992

■ 158.2020, 47.7214,
47.1808

■ 106.1260, 73.3949,
72.6805

■ 174.9700, 39.4548,
38.6143

■ 89.0590, 81.8089,
80.6323

■ 192.6240, 30.7514,
30.1478

■ 82.2920, 85.1450,
83.9359

■ 209.6910, 22.3373,
22.1960

■ 227.0460, 13.7813,
13.1147

■ 244.1130, 5.3673,
5.1629

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



107.7280, 72.6051, -94.4775



140.5480, 56.4248, 55.6474



96.5370, 40.1613, 138.9721

Triad

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



140.5480, 56.4248, 55.6474



133.4630, -65.7973, 57.4759



125.2000, 32.9324, -109.8004

Complementary

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



140.5480, 56.4248, 55.6474



200.4520, -56.4248, -55.6474

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.



113.9940, -4.9270, -99.9727



140.5480, 56.4248, 55.6474



126.8870, -62.5553, -2.5319

Square

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



140.5480, 56.4248, 55.6474



122.3190, -60.3033, 115.4842



98.0290, -48.3283, -85.9714



130.6210, 61.3188, -114.5546

Rectangle

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



140.5480, 56.4248, 55.6474



90.1530, 15.7006, 144.5708



98.0290, -48.3283, -85.9714



121.3070, 20.5546, -106.3862

Sweetspot

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



140.5480, 56.4248, 55.6474



220.5780, 16.9700, 17.0331



136.9640, 58.1917, -44.6954



106.8130, 10.4452, 9.8110



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.



140.5480, 56.4248, 55.6474



116.7140, 68.1750, 66.9028



152.2630, 35.3663, 90.1003



119.1730, 4.3517, 4.2333



61.8400, 63.6759, 63.2843



20.7510, 21.3218, 21.2664

Inverse Universe

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



142.3450, -2.6351, 98.7984



119.0640, -2.9896, 119.2159



188.7370, -35.3663, -90.1003



119.3430, -0.1691, 7.5922



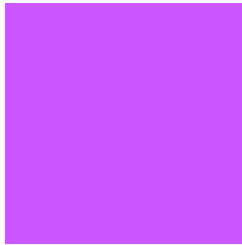
63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 140.5480, 56.4248, 55.6474 looks on a white background.

Color Contrast Check

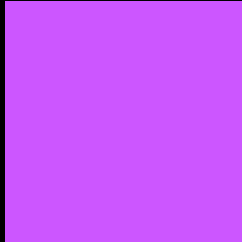
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.5480, 56.4248, 55.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

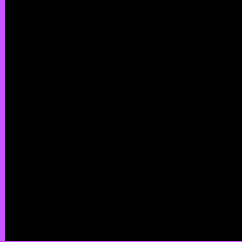
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.5480, 56.4248, 55.6474

Background



This preview shows how black text looks on a background with the YUV color 140.5480, 56.4248, 55.6474.



This preview shows how white text looks on a background with the YUV color 140.5480, 56.4248, 55.6474.

55.6474.

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

140.5480, 56.4248, 55.6474

Protanopia

134.5940, 59.3602, -46.1249

Deuteranopia

129.6970, 56.3514, -61.1243



Tritanopia

143.2650, -5.0606, 36.6016

Trichromacy



Original Color

140.5480, 56.4248, 55.6474



Protanomaly

136.5970, 58.3727, -9.2936



Deuteranomaly

133.3740, 56.5106, -18.7450



Tritanomaly

142.1560, 17.1781, 43.7132

Monochromacy



Original Color

140.5480, 56.4248, 55.6474



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.8110, 20.3062, 20.3368

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5480, 56.4248, 55.6474 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, 86, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 86, 255)  
}
```

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, 86, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 86, 255) }
```

Border

The CSS property to change the border of an element to YUV 140.5480, 56.4248, 55.6474 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, 86, 255) }
```


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

```
.border{ border-color:rgb(204, 86, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 86, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 86, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 86, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 86,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 140.5480, 56.4248, 55.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 86, 255) }
```

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

```
.background{ background-color: rgb(204, 86,  
255) }
```

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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