

Converting Colors

YUV(142.3660, 45.6686,
52.2990)

Have a look what the booklet for
YUV(142.3660, 45.6686, 52.2990)
contains.

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Color

**YUV(142.3660, 45.6686,
52.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5EEB
RGB	202, 94, 235
RGB Percent	79%, 37%, 92%
CMY	0.2078, 0.6314, 0.0784
CMYK	0.14, 0.60, 0.00, 0.08
HSL	286°, 78%, 65%
HSV	286°, 60%, 92%
XYZ	43.3552, 26.5601, 81.4388
YIQ	142.3660, 19.1070, 66.7470

Conversions

Conversions Part 2

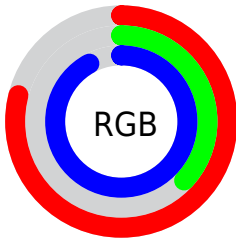
Format	Color
R _{YB}	202, 94, 235
Decimal	13262571
CIE Lab	58.56, 63.49, -52.99
CIE LCh	59, 82.695, 320.153
Yxy	26.5601, 0.2864, 0.1755
Android (android.graphics.Color)	4291452651 (0xFFCA5EEB)
YUV	142.3660, 45.6686, 52.2990
Hunter-Lab	51.5365, 59.9747, -57.6154

Details

The YUV color **142.3660, 45.6686, 52.2990** 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 **186.6340, -45.6686, -52.2990**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3650, 30.3861, 54.0539**, and **83.8930, 46.3948, 52.7138** is the 20% darker color. If you saturate the color by 10%, you get **127.0710, 53.2090, 60.4507**, and if you desaturate by 10%, it is **157.9490, 37.9861, 43.0177**.

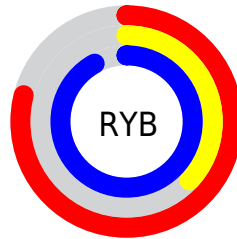
Distribution



Red (79%)

Green (37%)

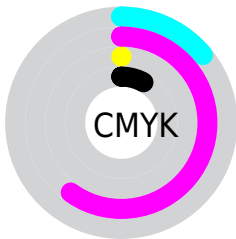
Blue (92%)



Red (79%)

Yellow (37%)

Blue (92%)

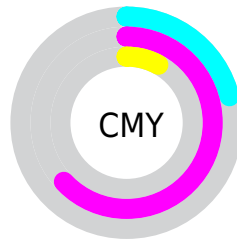


Cyan (14%)

Magenta (60%)

Yellow (0%)

Black (8%)



Cyan (21%)


Magenta (63%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.3660, 45.6686, 52.2990 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 142.3660, 45.6686, 52.2990 by changing the saturation by 10% instead.


 142.3660, 45.6686,
52.2990


 142.3660, 45.6686,
52.2990


255.0000, 0.0000,
0.0000

 113.9530, 45.3792,
51.7842


 193.3650, 30.3861,
54.0539

 83.8930, 46.3948,
52.7138


 209.8010, 22.2831,
39.6395

 51.8980, 48.8573,
56.2175

 226.8240, 13.8908,
24.7104

 40.8610, 41.4805,
42.2179

 243.8470, 5.4984,
9.7812

 29.5250, 34.2512,
27.6036

 19.2000, 27.0164,
14.7336

 5.8140, 22.2767,

-5.0989

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 142.3660, 45.6686,
52.2990

■ 142.3660, 45.6686,
52.2990

■ 127.0710, 53.2090,
60.4507

■ 157.9490, 37.9861,
43.0177

■ 111.4880, 60.8914,
69.7320

■ 173.2440, 30.4457,
34.8660

■ 95.6060, 68.7212,
78.3985

■ 188.5390, 22.9053,
26.7143

■ 80.6100, 76.1143,
87.1650

■ 204.1220, 15.2229,
17.4330

219.4170, 7.6824,
9.2813

235.0000, 0.0000,
0.0000

248.2350, -6.5249,
-7.2221

250.0290, -7.4093,
-3.5334

251.8230, -8.2937,
0.1552

Harmonies

Analogous

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



125.9890, 63.6024, -53.4874



142.3660, 45.6686, 52.2990



125.3340, 21.0343, 113.7171

Triad

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



142.3660, 45.6686, 52.2990



132.5330, -65.3388, 50.3986



122.5100, 32.7796, -107.4413

Complementary

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



142.3660, 45.6686, 52.2990



186.6340, -45.6686, -52.2990

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.



113.3730, 0.3091, -99.4281



142.3660, 45.6686, 52.2990



126.3000, -62.2659, -2.0171

Square

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



142.3660, 45.6686, 52.2990



129.0330, -53.2603, 96.4411



100.6170, -33.3352, -88.2411



127.9310, 61.1660, -112.1955

Rectangle

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



142.3660, 45.6686, 52.2990



115.7530, 2.0938, 122.1196



100.6170, -33.3352, -88.2411



119.6600, 21.8596, -104.9418

Sweetspot

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



142.3660, 45.6686, 52.2990



224.7090, 14.9335, 16.9182



130.6190, 51.4598, -32.1149



108.8840, 9.4242, 10.6257



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.



142.3660, 45.6686, 52.2990



134.1350, 59.5864, 68.2876



148.2430, 25.5162, 76.0859



109.9450, 3.4781, 4.4332



62.1950, 58.5709, 67.3580



18.4150, 17.5434, 19.8070

Inverse Universe

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



139.9210, -6.3701, 83.3843



130.9180, -8.3406, 108.8199



180.7570, -25.5162, -76.0859



109.5170, -0.7479, 6.5626



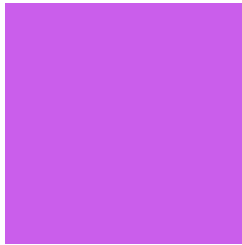
58.9070, -8.3352, 107.0756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 142.3660, 45.6686, 52.2990 looks on a white background.

Color Contrast Check

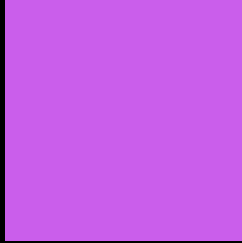
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3660, 45.6686, 52.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

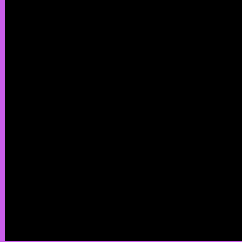
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.3660, 45.6686, 52.2990

Background



This preview shows how black text looks on a background with the YUV color 142.3660, 45.6686, 52.2990.



This preview shows how white text looks on a background with the YUV color 142.3660, 45.6686, 52.2990.

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

142.3660, 45.6686, 52.2990

Protanopia

134.3060, 59.5021, -44.9954

Deuteranopia

135.7400, 44.4982, -39.2370



Tritanopia

143.1620, -5.5029, 38.4459

Trichromacy



Original Color

142.3660, 45.6686, 52.2990



Protanomaly

136.9730, 54.7363, -9.6233



Deuteranomaly

138.0630, 44.8319, -6.1943



Tritanomaly

142.4180, 13.1049, 43.4834

Monochromacy



Original Color

142.3660, 45.6686, 52.2990



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.4750, 16.5278, 18.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3660, 45.6686, 52.2990 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(202, 94, 235)` looks like.

```
.text, #text, p{  
    color:rgb(202, 94, 235)  
}
```

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(202, 94, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 94, 235) }
```

Border

The CSS property to change the border of an element to YUV 142.3660, 45.6686, 52.2990 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(202, 94, 235) }
```


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

```
.border{ border-color:rgb(202, 94, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 94, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 94, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 94, 235);  
box-shadow:4px 4px 4px 4px rgb(202, 94,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 142.3660, 45.6686, 52.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 94, 235) }
```

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

```
.background{ background-color: rgb(202, 94,  
235) }
```

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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