

Converting Colors

YUV(142.9560, 13.8257,
45.6426)

Have a look what the booklet for
YUV(142.9560, 13.8257, 45.6426)
contains.

YUV(142.9560, 13.8257, 45.6426)	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(142.9560, 13.8257,
45.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	C36FAB
RGB	195, 111, 171
RGB Percent	76%, 44%, 67%
CMY	0.2353, 0.5647, 0.3294
CMYK	0.00, 0.43, 0.12, 0.24
HSL	317°, 41%, 60%
HSV	317°, 43%, 76%
XYZ	35.5408, 25.9113, 41.6562
YIQ	142.9560, 30.8040, 36.4680

Conversions

Conversions Part 2

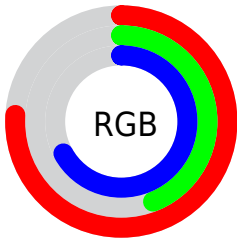
Format	Color
R_{YB}	195, 111, 171
Decimal	12808107
CIE _{Lab}	57.95, 41.46, -17.69
CIE _{LCh}	58, 45.072, 336.897
Yxy	25.9113, 0.3447, 0.2513
Android (android.graphics.Color)	4290998187 (0xFFC36FAB)
YUV	142.9560, 13.8257, 45.6426
Hunter-Lab	50.9031, 35.5492, -12.8874

Details

The YUV color **142.9560, 13.8257, 45.6426** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **163.0440, -13.8257, -45.6426**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2660, 13.6729, 48.0017**, and **90.3470, 14.1259, 42.6687** is the 20% darker color. If you saturate the color by 10%, you get **130.5320, 16.9927, 56.5384**, and if you desaturate by 10%, it is **155.3800, 10.6587, 34.7467**.

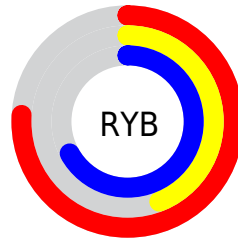
Distribution



Red (76%)

Green (44%)

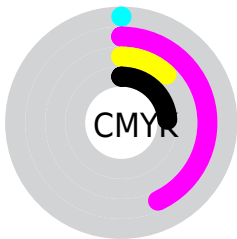
Blue (67%)



Red (76%)

Yellow (44%)

Blue (67%)

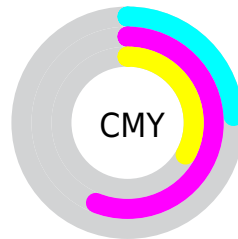


Cyan (0%)

Magenta (43%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.9560, 13.8257, 45.6426 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 142.9560, 13.8257, 45.6426 by changing the saturation by 10% instead.


 142.9560, 13.8257,
45.6426


 142.9560, 13.8257,
45.6426


255.0000, 0.0000,
0.0000

 116.2440, 13.6837,
44.5130


 198.2660, 13.6729,
48.0017


 90.3470, 14.1259,
42.6687


 218.0190, 18.2316,
32.4323


 64.4610, 14.5627,
42.5687

 235.0420, 9.8393,
17.5032

 35.1670, 17.1727,
45.4575

 252.0650, 1.4470,
2.5740

 23.7110, 11.9745,
32.7025

 15.0380, 5.8973,
21.8917

 0.0000, 0.0000,

0.0000

■ 142.9560, 13.8257,
45.6426

■ 142.9560, 13.8257,
45.6426

■ 130.5320, 16.9927,
56.5384

■ 155.3800, 10.6587,
34.7467

■ 118.8090, 20.3072,
66.8195

■ 167.1030, 7.3442,
24.4657

■ 106.9720, 23.1848,
77.2006

■ 179.5270, 4.1772,
13.5698

■ 94.6620, 26.7886,
87.9964

■ 191.2500, 0.8628,
3.2887

■ 82.8250, 29.6663,
98.3775

■ 203.0870, -2.0149,
-7.0923

■ 74.1510, 31.9706,
105.9846

■ 215.3970, -5.6187,
-17.8882

■ 227.2340, -8.4964,
-28.2692

■ 232.6140, -8.1907,
-32.9875

■ 233.1840, -6.0067,
-33.4874

Harmonies

Analogous

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



142.5630, 29.7954, 10.0302



142.9560, 13.8257, 45.6426



140.0710, -3.9790, 63.0817

Triad

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



142.9560, 13.8257, 45.6426



134.8380, -37.8811, 16.8051



113.8360, 35.0839, -99.8342

Complementary

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



142.9560, 13.8257, 45.6426



163.0440, -13.8257, -45.6426

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.



110.0910, 18.1961, -96.5498



142.9560, 13.8257, 45.6426



130.5610, -27.8846, -16.2780

Square

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



142.9560, 13.8257, 45.6426



137.3990, -35.1997, 43.5001



120.5030, -6.6570, -58.3231



113.2780, 48.1769, -99.3448

Rectangle

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



142.9560, 13.8257, 45.6426



139.4550, -16.4933, 63.6220



120.5030, -6.6570, -58.3231



113.1690, 29.9897, -99.2492

Sweetspot

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



142.9560, 13.8257, 45.6426



232.1900, 5.3293, 17.3734



127.7520, 33.1533, 6.3565



114.9890, 3.4564, 11.4106



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.



142.9560, 13.8257, 45.6426



170.8850, 21.7487, 71.1379



138.1680, -4.5198, 49.8417



90.7880, 1.5835, 5.4479



61.2490, 26.4992, 87.4816



12.6030, 5.6187, 17.8882

Inverse Universe

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



142.9560, 13.8257, 45.6426



170.8850, 21.7487, 71.1379



167.8320, 4.5198, -49.8417



90.7880, 1.5835, 5.4479



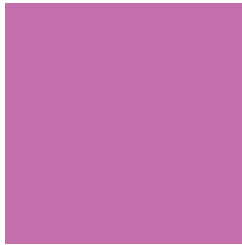
61.2490, 26.4992, 87.4816



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 142.9560, 13.8257, 45.6426 looks on a white background.

Color Contrast Check

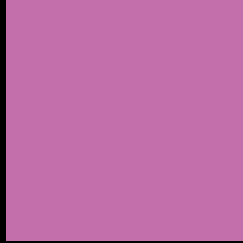
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9560, 13.8257, 45.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

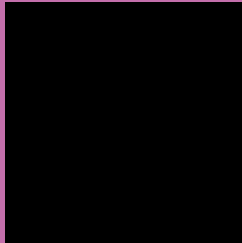
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.9560, 13.8257, 45.6426

Background



This preview shows how black text looks on a background with the YUV color 142.9560, 13.8257, 45.6426.



This preview shows how white text looks on a background with the YUV color 142.9560, 13.8257,

45.6426.

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

142.9560, 13.8257, 45.6426

Protanopia

139.7420, 24.7772, -13.8057

Deuteranopia

140.7300, 12.9511, -0.6402



Tritanopia

141.9560, -6.3873, 42.1346

Trichromacy



Original Color

142.9560, 13.8257, 45.6426



Protanomaly

140.8480, 20.7809, 8.0263



Deuteranomaly

141.5410, 13.0443, 16.1885



Tritanomaly

142.5030, 0.7380, 43.4089

Monochromacy



Original Color

142.9560, 13.8257, 45.6426



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.7770, 5.0399, 16.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9560, 13.8257, 45.6426 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, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 171)  
}
```

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, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 171) }
```

Border

The CSS property to change the border of an element to YUV 142.9560, 13.8257, 45.6426 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, 111, 171) }
```


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

```
.border{ border-color:rgb(195, 111, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 142.9560, 13.8257, 45.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 171) }
```

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

```
.background{ background-color: rgb(195,  
111, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor