

Converting Colors

YUV(142.8620, 43.4520,
63.2650)

Have a look what the booklet for
YUV(142.8620, 43.4520, 63.2650)
contains.

YUV(142.8620, 43.4520, 63.2650)	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(142.8620, 43.4520,
63.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	D759E7
RGB	215, 89, 231
RGB Percent	84%, 35%, 91%
CMY	0.1569, 0.6510, 0.0941
CMYK	0.07, 0.61, 0.00, 0.09
HSL	293°, 75%, 63%
HSV	293°, 61%, 91%
XYZ	46.0205, 27.3614, 78.4570
YIQ	142.8620, 29.5140, 70.8740

Conversions

Conversions Part 2

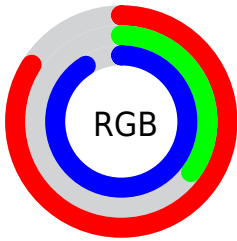
Format	Color
R _Y B	215, 89, 231
Decimal	14113255
CIE Lab	59.31, 68.02, -49.46
CIE LCh	59, 84.104, 323.977
Yxy	27.3614, 0.3031, 0.1802
Android (android.graphics.Color)	4292303335 (0xFFD759E7)
YUV	142.8620, 43.4520, 63.2650
Hunter-Lab	52.3081, 65.5047, -52.3136

Details

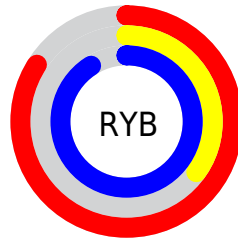
The YUV color **142.8620, 43.4520, 63.2650** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **177.1380, -43.4520, -63.2650**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0170, 31.5436, 56.1131**, and **80.3940, 46.6408, 67.1835** is the 20% darker color. If you saturate the color by 10%, you get **128.4640, 50.5502, 73.2611**, and if you desaturate by 10%, it is **157.2600, 36.3538, 53.2690**.

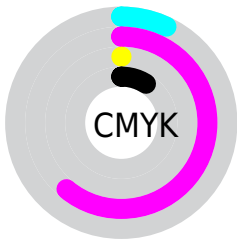
Distribution



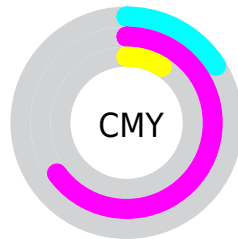
- Red (84%)
- Green (35%)
- Blue (91%)



- Red (84%)
- Yellow (35%)
- Blue (91%)



- Cyan (7%)
- Magenta (61%)
- Yellow (0%)
- Black (9%)




- Cyan (16%)
- Magenta (65%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.8620, 43.4520, 63.2650 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 142.8620, 43.4520, 63.2650 by changing the saturation by 10% instead.


 142.8620, 43.4520,
63.2650


 142.8620, 43.4520,
63.2650


255.0000, 0.0000,
0.0000


 113.3890, 44.1782,
63.6798


 191.0170, 31.5436,
56.1131


 80.3940, 46.6408,
67.1835

 207.4530, 23.4407,
41.6987


 55.1440, 45.7780,
63.8947

 224.4760, 15.0483,
26.7695

 43.6940, 38.1119,
49.3804

 242.0860, 6.3666,
11.3256

 32.7710, 31.1719,
35.2808

 22.4460, 23.9371,
22.4109

 9.0600, 19.1974,

2.5784

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 142.8620, 43.4520,
63.2650

■ 142.8620, 43.4520,
63.2650

■ 128.4640, 50.5502,
73.2611

■ 157.2600, 36.3538,
53.2690

■ 114.3650, 57.5011,
83.8719

■ 171.3590, 29.4030,
42.6582

■ 99.9670, 64.5993,
93.8679

■ 185.7570, 22.3048,
32.6621

■ 87.6290, 70.6819,
102.9344

■ 199.8560, 15.3540,
22.0513

214.2540, 8.2558,
12.0552

229.2390, 0.8682,
1.5444

243.3380, -6.0826,
-9.0664

246.5830, -7.6824,
-9.2813

247.1810, -7.9772,
-8.0517

Harmonies

Analogous

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



134.0840, 59.6116, -33.3997



142.8620, 43.4520, 63.2650



121.6010, 19.4237, 116.9909

Triad

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



142.8620, 43.4520, 63.2650



134.5600, -66.3381, 44.2359



125.6390, 37.1530, -110.1854

Complementary

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



142.8620, 43.4520, 63.2650



177.1380, -43.4520, -63.2650

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.



115.8010, 4.5351, -101.5575



142.8620, 43.4520, 63.2650



125.9570, -62.0968, -9.6093

Square

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



142.8620, 43.4520, 63.2650



130.5630, -63.8746, 94.2222



103.7460, -28.9618, -90.9852



128.8600, 62.1870, -113.0102

Rectangle

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



142.8620, 43.4520, 63.2650



116.0150, -1.9794, 121.8898



103.7460, -28.9618, -90.9852



122.9030, 26.6698, -107.7859

Sweetspot

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



142.8620, 43.4520, 63.2650



226.5030, 14.0490, 20.6069



115.1670, 57.1057, -22.9485



109.7810, 8.9820, 12.4701



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.



142.8620, 43.4520, 63.2650



137.7780, 57.7904, 84.3867



141.4900, 17.5064, 78.5003



107.3580, 3.7675, 4.9480



67.6480, 54.8965, 79.2387



19.2690, 15.6434, 22.5661

Inverse Universe

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



133.2820, -13.9430, 85.6987



125.0190, -18.2504, 113.9933



178.5100, -17.5064, -78.5003



106.8160, -0.8953, 7.1774



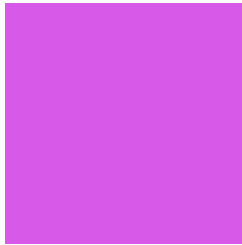
55.8010, -17.6499, 108.0455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 142.8620, 43.4520, 63.2650 looks on a white background.

Color Contrast Check

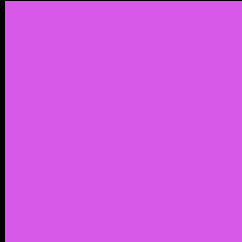
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.8620, 43.4520, 63.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

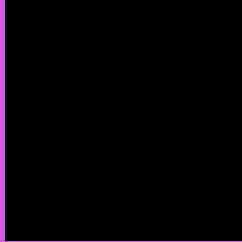
Any Text WCAG AA ✓ Pass

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 142.8620, 43.4520, 63.2650 Background



This preview shows how black text looks on a background with the YUV color 142.8620, 43.4520, 63.2650.



This preview shows how white text looks on a background with the YUV color 142.8620, 43.4520,

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

142.8620, 43.4520, 63.2650

Protanopia

136.6760, 58.3337, -43.5659

Deuteranopia

139.7470, 40.5507, -33.1041



Tritanopia

144.8430, -8.3036, 50.1267

Trichromacy



Original Color

142.8620, 43.4520, 63.2650



Protanomaly

139.1370, 52.6835, -4.5051



Deuteranomaly

140.6080, 41.6053, 2.0978



Tritanomaly

144.0990, 10.3042, 55.1642

Monochromacy



Original Color

142.8620, 43.4520, 63.2650



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.6820, 15.9328, 23.0809

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8620, 43.4520, 63.2650 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(215, 89, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 89, 231)  
}
```

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(215, 89, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 89, 231) }
```

Border

The CSS property to change the border of an element to YUV 142.8620, 43.4520, 63.2650 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(215, 89, 231) }
```


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

```
.border{ border-color:rgb(215, 89, 231) }
```

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

Here you see how a box with a 4 pixel rgb(215, 89, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 89, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 89, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 89,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 142.8620, 43.4520, 63.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 89, 231) }
```

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

```
.background{ background-color: rgb(215, 89,  
231) }
```

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