

Converting Colors

YUV(143.8100, 35.5897,
65.0646)

Have a look what the booklet for
YUV(143.8100, 35.5897, 65.0646)
contains.

YUV(143.8100, 35.5897, 65.0646)	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(143.8100, 35.5897,
65.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5CD8
RGB	218, 92, 216
RGB Percent	85%, 36%, 85%
CMY	0.1451, 0.6392, 0.1529
CMYK	0.00, 0.58, 0.01, 0.15
HSL	301°, 63%, 61%
HSV	301°, 58%, 85%
XYZ	45.1353, 27.5176, 67.8983
YIQ	143.8100, 35.2920, 65.2760

Conversions

Conversions Part 2

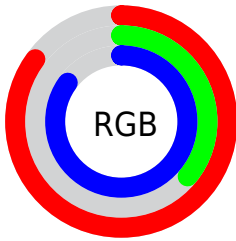
Format	Color
R _Y B	218, 92, 216
Decimal	14310616
CIE Lab	59.45, 64.87, -40.78
CIE LCh	59, 76.625, 327.844
Yxy	27.5176, 0.3211, 0.1958
Android (android.graphics.Color)	4292500696 (0xFFDA5CD8)
YUV	143.8100, 35.5897, 65.0646
Hunter-Lab	52.4572, 61.7849, -40.0223

Details

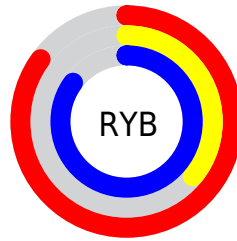
The YUV color **143.8100, 35.5897, 65.0646** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **166.1900, -35.5897, -65.0646**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 30.9648, 55.0835**, and **83.2170, 38.3470, 67.3387** is the 20% darker color. If you saturate the color by 10%, you get **130.8960, 41.9563, 76.3902**, and if you desaturate by 10%, it is **156.7240, 29.2231, 53.7391**.

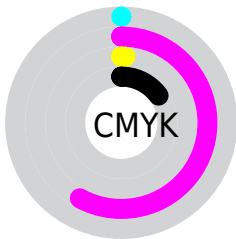
Distribution



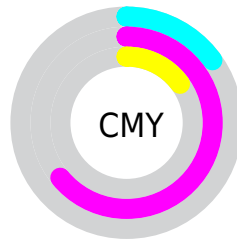
- Red (85%)
- Green (36%)
- Blue (85%)



- Red (85%)
- Yellow (36%)
- Blue (85%)



- Cyan (0%)
- Magenta (58%)
- Yellow (1%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 143.8100, 35.5897, 65.0646 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 143.8100, 35.5897, 65.0646 by changing the saturation by 10% instead.


 143.8100, 35.5897,
65.0646


 143.8100, 35.5897,
65.0646


255.0000, 0.0000,
0.0000


 114.9240, 36.0265,
64.9647


 192.1910, 30.9648,
55.0835


 83.2170, 38.3470,
67.3387


 209.2140, 22.5725,
40.1543


 54.7440, 39.0732,
67.7535

 226.2370, 14.1802,
25.2252

 43.4080, 31.8439,
53.1392

 243.2600, 5.7878,
10.2960

 32.4850, 24.9039,
39.0397

 22.6870, 18.3953,
26.5845

 10.1980, 13.2134,

8.5964

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 143.8100, 35.5897,
65.0646

■ 143.8100, 35.5897,
65.0646

■ 130.8960, 41.9563,
76.3902

■ 156.7240, 29.2231,
53.7391

■ 117.8680, 47.8861,
87.8158

■ 169.7520, 23.2933,
42.3135

■ 105.5410, 53.9633,
98.6265

■ 182.0790, 17.2161,
31.5027

■ 92.6270, 60.3299,
109.9521

■ 194.9930, 10.8495,
20.1771

89.6920, 61.7768,
112.5261

208.0210, 4.9196,
8.7516

220.9350, -1.4470,
-2.5740

233.8490, -7.8136,
-13.8996

239.8330,
-10.2707, -19.1475

Harmonies

Analogous

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



141.5920, 55.9101, -12.7972



143.8100, 35.5897, 65.0646



131.0270, 9.8467, 108.7243

Triad

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



143.8100, 35.5897, 65.0646



134.5160, -66.3164, 37.2585



124.9210, 39.4789, -109.5557

Complementary

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



143.8100, 35.5897, 65.0646



166.1900, -35.5897, -65.0646

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.



116.4680, 9.6293, -102.1424



143.8100, 35.5897, 65.0646



125.3480, -61.7966, -12.5832

Square

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



143.8100, 35.5897, 65.0646



134.0390, -59.1792, 81.5268



106.1400, -19.7890, -93.0848



127.0990, 63.0552, -111.4658

Rectangle

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



143.8100, 35.5897, 65.0646



128.2450, -10.9668, 111.1641



106.1400, -19.7890, -93.0848



122.4130, 29.8694, -107.3562

Sweetspot

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



143.8100, 35.5897, 65.0646



229.6450, 12.0070, 22.2363



106.3640, 55.0365, -12.5972



112.6240, 7.0874, 13.4848



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.



143.8100, 35.5897, 65.0646



151.3460, 49.6224, 90.9046



136.8560, 8.9450, 71.1633



103.4290, 2.7465, 5.7628



71.2210, 49.1910, 89.2602



18.8840, 12.8752, 23.7807

Inverse Universe

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



143.8100, 35.5897, 65.0646



151.3460, 49.6224, 90.9046



173.1440, -8.9450, -71.1633



103.4290, 2.7465, 5.7628



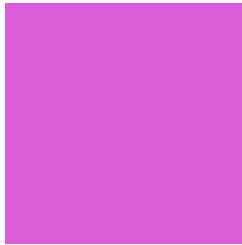
71.2210, 49.1910, 89.2602



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 143.8100, 35.5897, 65.0646 looks on a white background.

Color Contrast Check

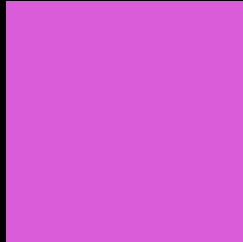
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.8100, 35.5897, 65.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

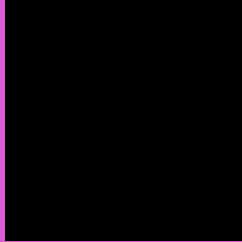
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.8100, 35.5897, 65.0646

Background



This preview shows how black text looks on a background with the YUV color 143.8100, 35.5897, 65.0646.



This preview shows how white text looks on a background with the YUV color 143.8100, 35.5897,

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

143.8100, 35.5897, 65.0646

Protanopia

137.8610, 57.7495, -42.8511

Deuteranopia

142.2340, 31.9296, -21.2532



Tritanopia

144.8220, -9.7722, 54.5301

Trichromacy



Original Color

143.8100, 35.5897, 65.0646



Protanomaly

140.3390, 49.6259, -3.8053



Deuteranomaly

142.7740, 33.1424, 9.8452



Tritanomaly

144.4970, 6.6570, 58.3231

Monochromacy



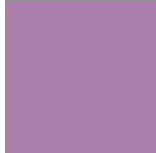
Original Color

143.8100, 35.5897, 65.0646



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.8840, 12.8752, 23.7807

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.8100, 35.5897, 65.0646 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(218, 92, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 92, 216)  
}
```

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(218, 92, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 92, 216) }
```

Border

The CSS property to change the border of an element to YUV 143.8100, 35.5897, 65.0646 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(218, 92, 216) }
```


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

```
.border{ border-color:rgb(218, 92, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 92, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 92, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 92, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 92,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 143.8100, 35.5897, 65.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 92, 216) }
```

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

```
.background{ background-color: rgb(218, 92,  
216) }
```

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