

Converting Colors

YUV(136.0540, 18.7074,
66.6046)

Have a look what the booklet for
YUV(136.0540, 18.7074, 66.6046)
contains.

YUV(136.0540, 18.7074, 66.6046)	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(136.0540, 18.7074,
66.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	D45AAE
RGB	212, 90, 174
RGB Percent	83%, 35%, 68%
CMY	0.1686, 0.6471, 0.3176
CMYK	0.00, 0.58, 0.18, 0.17
HSL	319°, 59%, 59%
HSV	319°, 58%, 83%
XYZ	38.4475, 24.3654, 42.7210
YIQ	136.0540, 45.7480, 51.9880

Conversions

Conversions Part 2

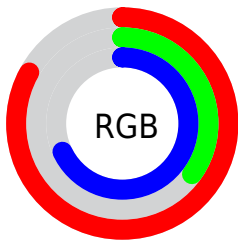
Format	Color
R _Y B	212, 90, 174
Decimal	13916846
CIE _{Lab}	56.45, 57.49, -21.50
CIE _{LCh}	56, 61.379, 339.496
Y _{xy}	24.3654, 0.3643, 0.2309
Android (android.graphics.Color)	4292106926 (0xFFD45AAE)
YUV	136.0540, 18.7074, 66.6046
Hunter-Lab	49.3613, 52.6514, -16.7611

Details

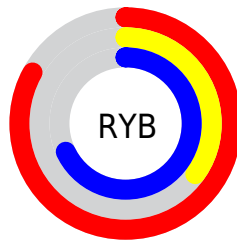
The YUV color **136.0540, 18.7074, 66.6046** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **165.9460, -18.7074, -66.6046**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5800, 20.9131, 59.1273**, and **77.4500, 21.4701, 67.1343** is the 20% darker color. If you saturate the color by 10%, you get **122.9290, 21.7270, 78.1153**, and if you desaturate by 10%, it is **149.1790, 15.6878, 55.0940**.

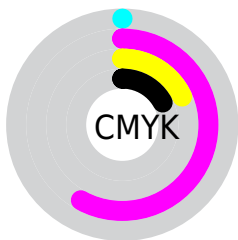
Distribution



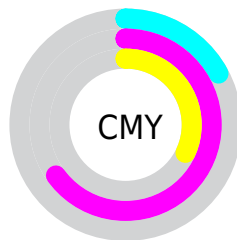
- Red (83%)
- Green (35%)
- Blue (68%)



- Red (83%)
- Yellow (35%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (18%)
- Black (17%)




- Cyan (17%)
- Magenta (65%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.0540, 18.7074, 66.6046 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 136.0540, 18.7074, 66.6046 by changing the saturation by 10% instead.


 136.0540, 18.7074,
66.6046


 136.0540, 18.7074,
66.6046


255.0000, 0.0000,
0.0000


 107.8690, 19.2916,
65.8899


 187.5800, 20.9131,
59.1273


 77.4500, 21.4701,
67.1343


 206.8660, 23.7301,
42.2135

 48.6180, 23.3593,
67.8640

 223.8890, 15.3377,
27.2843

 37.8090, 16.8562,
53.6645

 240.9120, 6.9454,
12.3552

 27.2280, 11.2266,
39.2650

 17.3590, 5.7390,
25.9952

 0.0000, 0.0000,

0.0000

■ 136.0540, 18.7074,
66.6046

■ 136.0540, 18.7074,
66.6046

■ 122.9290, 21.7270,
78.1153

■ 149.1790, 15.6878,
55.0940

■ 109.9180, 25.1834,
89.5259

■ 162.1900, 12.2313,
43.6834

■ 96.2060, 28.4924,
101.5513

■ 175.9020, 8.9223,
31.6579

■ 83.1950, 31.9489,
112.9620

■ 188.9130, 5.4659,
20.2473

■ 80.0320, 32.5222,
115.7359

■ 202.0380, 2.4463,
8.7367

■ 215.1630, -0.5734,
-2.7740

■ 228.1740, -4.0298,
-14.1846

■ 238.9510, -5.8918,
-23.6360

■ 239.6350, -3.2711,
-24.2359

Harmonies

Analogous

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



138.7240, 39.0831, 17.7821



136.0540, 18.7074, 66.6046



130.9970, -4.9285, 87.7026

Triad

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



136.0540, 18.7074, 66.6046



124.7740, -61.0206, 18.6152



116.3610, 42.2200, -102.0486

Complementary

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



136.0540, 18.7074, 66.6046



165.9460, -18.7074, -66.6046

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.



111.1340, 19.6539, -97.4645



136.0540, 18.7074, 66.6046



120.0790, -37.0139, -28.1333

Square

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



136.0540, 18.7074, 66.6046



129.9260, -51.2355, 53.5619



103.6900, -3.7912, -90.9361



115.4270, 58.9495, -101.2295

Rectangle

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



136.0540, 18.7074, 66.6046



130.8060, -22.0894, 85.2391



103.6900, -3.7912, -90.9361



115.2380, 35.3787, -101.0637

Sweetspot

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



136.0540, 18.7074, 66.6046



228.1630, 6.3286, 23.5360



114.9710, 47.8353, 10.5494



111.8260, 4.0298, 14.1846



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.



136.0540, 18.7074, 66.6046



145.4180, 26.9089, 96.1034



129.2140, -7.5005, 72.6033



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Inverse Universe

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



136.0540, 18.7074, 66.6046



145.4180, 26.9089, 96.1034



172.7860, 7.5005, -72.6033



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 136.0540, 18.7074, 66.6046 looks on a white background.

Color Contrast Check

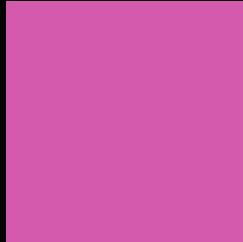
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0540, 18.7074, 66.6046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

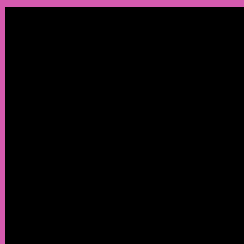
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.0540, 18.7074, 66.6046

Background



This preview shows how black text looks on a background with the YUV color 136.0540, 18.7074, 66.6046.



This preview shows how white text looks on a background with the YUV color 136.0540, 18.7074,

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

136.0540, 18.7074, 66.6046

Protanopia

134.5590, 35.7134, -21.5382

Deuteranopia

136.8760, 14.8511, -3.3993



Tritanopia

135.9970, -11.8305, 61.3926

Trichromacy



Original Color

136.0540, 18.7074, 66.6046



Protanomaly

134.8620, 29.6480, 10.6450



Deuteranomaly

136.4970, 16.5170, 22.3661



Tritanomaly

136.2820, -0.6320, 62.8967

Monochromacy



Original Color

136.0540, 18.7074, 66.6046



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.9890, 6.9074, 24.5656

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0540, 18.7074, 66.6046 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(212, 90, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 90, 174)  
}
```

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(212, 90, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 90, 174) }
```

Border

The CSS property to change the border of an element to YUV 136.0540, 18.7074, 66.6046 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(212, 90, 174) }
```


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

```
.border{ border-color:rgb(212, 90, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 90, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 90, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 90, 174); box-shadow:4px 4px 4px 4px rgb(212, 90, 174) }
```

Background

The CSS property to change the background color of an element to YUV 136.0540, 18.7074, 66.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 90, 174) }
```

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

```
.background{ background-color: rgb(212, 90,  
174) }
```

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