

Converting Colors

YUV(149.1680, 35.9062,
56.8577)

Have a look what the booklet for
YUV(149.1680, 35.9062, 56.8577)
contains.

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Color

**YUV(149.1680, 35.9062,
56.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	D666DE
RGB	214, 102, 222
RGB Percent	84%, 40%, 87%
CMY	0.1608, 0.6000, 0.1294
CMYK	0.04, 0.54, 0.00, 0.13
HSL	296°, 65%, 64%
HSV	296°, 54%, 87%
XYZ	45.6677, 29.0728, 72.3119
YIQ	149.1680, 28.2320, 61.0640

Conversions

Conversions Part 2

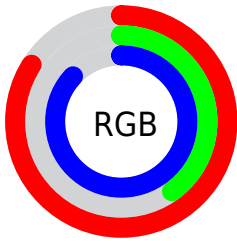
Format	Color
RYB	214, 102, 222
Decimal	14051038
CIELab	60.85, 60.38, -42.00
CIElCh	61, 73.555, 325.179
Yxy	29.0728, 0.3106, 0.1977
Android (android.graphics.Color)	4292241118 (0xFFD666DE)
YUV	149.1680, 35.9062, 56.8577
Hunter-Lab	53.9192, 56.8248, -41.7713

Details

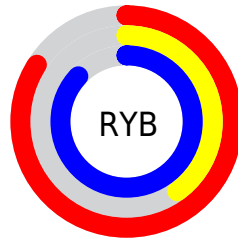
The YUV color **149.1680, 35.9062, 56.8577** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **174.8320, -35.9062, -56.8577**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4740, 28.3603, 50.4503**, and **91.9830, 36.4904, 56.1429** is the 20% darker color. If you saturate the color by 10%, you get **135.9550, 42.4202, 67.5685**, and if you desaturate by 10%, it is **162.3810, 29.3922, 46.1469**.

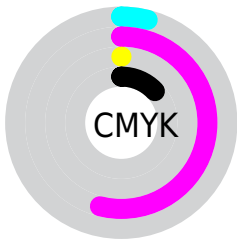
Distribution



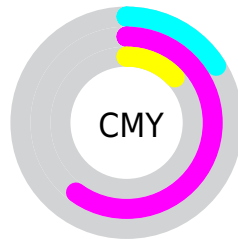
- Red (84%)
- Green (40%)
- Blue (87%)



- Red (84%)
- Yellow (40%)
- Blue (87%)



- Cyan (4%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)





- Cyan (16%)
- Magenta (60%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.1680, 35.9062, 56.8577 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 149.1680, 35.9062, 56.8577 by changing the saturation by 10% instead.


 149.1680, 35.9062,
56.8577


 149.1680, 35.9062,
56.8577


255.0000, 0.0000,
0.0000


 120.8690, 36.0536,
56.2429


 197.4740, 28.3603,
50.4503

 91.9830, 36.4904,
56.1429


 214.4970, 19.9680,
35.5211


 56.2920, 41.2680,
63.7649

 231.5200, 11.5756,
20.5920

 43.1950, 34.9069,
50.6950

 248.5430, 3.1833,
5.6628

 32.2720, 27.9669,
36.5955

 22.3600, 21.0215,
24.2403

 10.1700, 15.6922,

6.8669

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 149.1680, 35.9062,
56.8577

■ 149.1680, 35.9062,
56.8577

■ 135.9550, 42.4202,
67.5685

■ 162.3810, 29.3922,
46.1469

■ 122.4430, 49.0816,
77.6645

■ 175.8930, 22.7308,
36.0508

■ 108.6430, 55.8850,
88.8901

■ 189.6930, 15.9274,
24.8252

■ 95.1310, 62.5464,
98.9861

■ 203.2050, 9.2659,
14.7292

87.2010, 66.4559,
105.0637

216.4180, 2.7519,
4.0184

229.9300, -3.9095,
-6.0776

241.9690, -9.8447,
-15.7588

242.5670,
-10.1395, -14.5293

242.8660,
-10.2869, -13.9145

Harmonies

Analogous

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



143.9070, 54.7688, -20.0894



149.1680, 35.9062, 56.8577



139.0970, 10.3052, 101.6469

Triad

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



149.1680, 35.9062, 56.8577



137.4950, -67.7850, 41.6619



126.1120, 36.4268, -110.6002

Complementary

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



149.1680, 35.9062, 56.8577



174.8320, -35.9062, -56.8577

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.



118.0010, 7.8875, -103.4869



149.1680, 35.9062, 56.8577



130.1100, -64.1442, -6.2355

Square

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



149.1680, 35.9062, 56.8577



139.6890, -51.6117, 80.9567



107.4280, -19.9310, -94.2144



129.2190, 61.0240, -113.3251

Rectangle

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



149.1680, 35.9062, 56.8577



134.7820, -8.7665, 105.4312



107.4280, -19.9310, -94.2144



123.7180, 27.2540, -108.5007

Sweetspot

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



149.1680, 35.9062, 56.8577



230.0360, 12.3073, 19.2624



120.3760, 50.1006, -16.1158



112.7270, 7.5296, 11.6404



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.



149.1680, 35.9062, 56.8577



154.2690, 49.6604, 78.6941



145.6320, 12.0134, 66.9747



105.2440, 3.3307, 5.0480



69.1000, 52.7017, 83.2273



18.9270, 14.3330, 22.8660

Inverse Universe

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



138.7920, -14.1945, 72.9734



139.8880, -19.6648, 100.9532



178.3680, -12.0134, -66.9747



104.4030, -1.1847, 6.6626



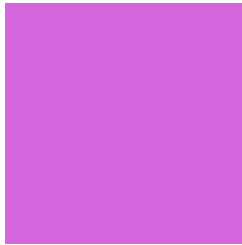
53.9920, -20.7021, 107.0010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 149.1680, 35.9062, 56.8577 looks on a white background.

Color Contrast Check

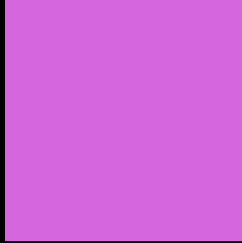
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.1680, 35.9062, 56.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

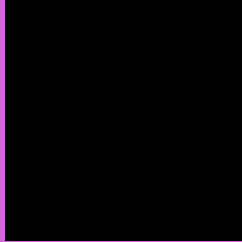
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.1680, 35.9062, 56.8577

Background



This preview shows how black text looks on a background with the YUV color 149.1680, 35.9062, 56.8577.



This preview shows how white text looks on a background with the YUV color 149.1680, 35.9062, 56.8577.

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

149.1680, 35.9062, 56.8577

Protanopia

142.6010, 55.4127, -39.9921

Deuteranopia

145.9780, 33.5348, -22.7827



Tritanopia

149.3480, -7.5666, 47.0528

Trichromacy



Original Color

149.1680, 35.9062, 56.8577



Protanomaly

145.2850, 48.1735, -4.6349



Deuteranomaly

147.0940, 34.4637, 6.0566



Tritanomaly

149.4960, 8.1365, 50.4310

Monochromacy



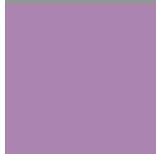
Original Color

149.1680, 35.9062, 56.8577



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2750, 13.1754, 20.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1680, 35.9062, 56.8577 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(214, 102, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 102, 222)  
}
```

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(214, 102, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 102, 222) }
```

Border

The CSS property to change the border of an element to YUV 149.1680, 35.9062, 56.8577 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(214, 102, 222) }
```


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

```
.border{ border-color:rgb(214, 102, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 102, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 102, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 102, 222); box-shadow:4px 4px 4px 4px rgb(214, 102, 222) }
```

Background

The CSS property to change the background color of an element to YUV 149.1680, 35.9062, 56.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 102, 222) }
```

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

```
.background{ background-color: rgb(214,  
102, 222) }
```

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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