

Converting Colors

YUV(149.5780, 27.3230,
56.4981)

Have a look what the booklet for
YUV(149.5780, 27.3230, 56.4981)
contains.

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Color

**YUV(149.5780, 27.3230,
56.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	D66ACD
RGB	214, 106, 205
RGB Percent	84%, 42%, 80%
CMY	0.1608, 0.5843, 0.1961
CMYK	0.00, 0.50, 0.04, 0.16
HSL	305°, 57%, 63%
HSV	305°, 50%, 84%
XYZ	43.9050, 29.0120, 61.0434
YIQ	149.5780, 32.5890, 53.6850

Conversions

Conversions Part 2

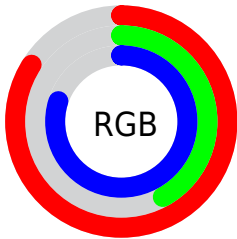
Format	Color
R_{YB}	214, 106, 205
Decimal	14052045
CIE _{Lab}	60.79, 55.51, -32.51
CIE _{LCh}	61, 64.331, 329.642
Yxy	29.0120, 0.3277, 0.2166
Android (android.graphics.Color)	4292242125 (0xFFD66ACD)
YUV	149.5780, 27.3230, 56.4981
Hunter-Lab	53.8628, 51.2404, -29.4902

Details

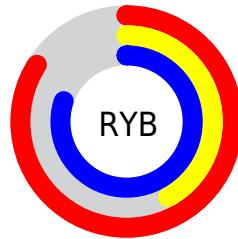
The YUV color **149.5780, 27.3230, 56.4981** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **170.4220, -27.3230, -56.4981**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8220, 27.2028, 48.3911**, and **93.9800, 27.6179, 55.2685** is the 20% darker color. If you saturate the color by 10%, you get **137.0230, 32.5267, 67.5088**, and if you desaturate by 10%, it is **162.1330, 22.1194, 45.4874**.

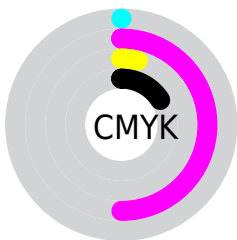
Distribution



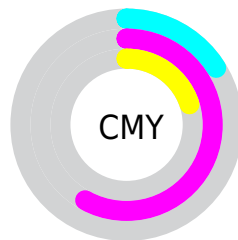
- Red (84%)
- Green (42%)
- Blue (80%)



- Red (84%)
- Yellow (42%)
- Blue (80%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (16%)




- Cyan (16%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.5780, 27.3230, 56.4981 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 149.5780, 27.3230, 56.4981 by changing the saturation by 10% instead.


 149.5780, 27.3230,
56.4981


 149.5780, 27.3230,
56.4981


255.0000, 0.0000,
0.0000


 121.8660, 27.1811,
55.3685


 199.8220, 27.2028,
48.3911

 93.9800, 27.6179,
55.2685


 216.2580, 19.0998,
33.9767


 63.2730, 29.9384,
57.6426

 233.2810, 10.7075,
19.0476

 41.7840, 28.2075,
52.8094

 250.3040, 2.3151,
4.1184

 30.9750, 21.7043,
38.6099

 21.4760, 15.0483,
26.7695

 9.1010, 10.3032,

8.6814

■ 0.0000, 0.0000,
0.0000

■ 149.5780, 27.3230,
56.4981

■ 149.5780, 27.3230,
56.4981

■ 137.0230, 32.5267,
67.5088

■ 162.1330, 22.1194,
45.4874

■ 123.8810, 38.0197,
79.0344

■ 175.2750, 16.6264,
33.9618

■ 111.4400, 43.6601,
89.9451

■ 187.7160, 10.9860,
23.0511

■ 98.2980, 49.1531,
101.4707

■ 200.8580, 5.4930,
11.5255

■ 86.3300, 54.0673,
111.9666

■ 213.4130, 0.2894,
0.5148

■ 225.9680, -4.9142,
-10.4959

■ 238.4090,
-10.5546, -21.4067

■ 238.6370, -9.6810,
-21.6066

■ 238.8650, -8.8074,
-21.8066

Harmonies

Analogous

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



148.5840, 48.0261, -4.0202



149.5780, 27.3230, 56.4981



143.4840, 3.2124, 89.9065

Triad

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



149.5780, 27.3230, 56.4981



137.4230, -65.2845, 32.9550



124.4650, 37.7318, -109.1558

Complementary

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



149.5780, 27.3230, 56.4981



170.4220, -27.3230, -56.4981

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.



117.9670, 12.8343, -103.4571



149.5780, 27.3230, 56.4981



133.4910, -48.5561, -12.7086

Square

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



149.5780, 27.3230, 56.4981



141.6380, -47.6425, 67.8465



110.5020, -12.0795, -92.5253



125.8450, 58.2504, -110.3661

Rectangle

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



149.5780, 27.3230, 56.4981



141.5110, -14.5489, 93.3909



110.5020, -12.0795, -92.5253



122.4130, 29.8694, -107.3562

Sweetspot

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



149.5780, 27.3230, 56.4981



232.3520, 9.6865, 19.8623



121.0030, 45.8475, -5.2646



114.2710, 5.7824, 12.0403



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.



149.5780, 27.3230, 56.4981



161.9460, 39.4666, 81.6084



143.4220, 3.7360, 61.8969



100.4290, 2.7465, 5.7628



69.0270, 43.3707, 89.4303



17.4170, 11.1334, 22.4363

Inverse Universe

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



149.5780, 27.3230, 56.4981



161.9460, 39.4666, 81.6084



176.5780, -3.7360, -61.8969



100.4290, 2.7465, 5.7628



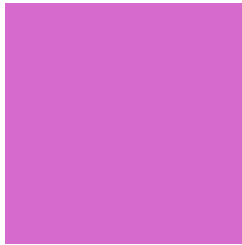
69.0270, 43.3707, 89.4303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 149.5780, 27.3230, 56.4981 looks on a white background.

Color Contrast Check

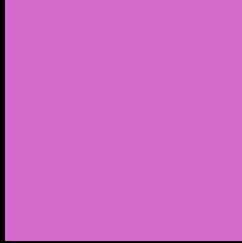
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5780, 27.3230, 56.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

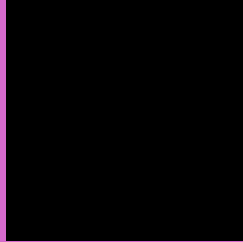
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.5780, 27.3230, 56.4981

Background



This preview shows how black text looks on a background with the YUV color 149.5780, 27.3230, 56.4981.



This preview shows how white text looks on a background with the YUV color 149.5780, 27.3230, 56.4981.

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

149.5780, 27.3230, 56.4981

Protanopia

144.6210, 45.0498, -29.4856

Deuteranopia

147.4540, 24.9192, -12.6762



Tritanopia

148.5440, -8.1562, 49.5119

Trichromacy



Original Color

149.5780, 27.3230, 56.4981



Protanomaly

146.2120, 38.8425, 1.5681



Deuteranomaly

148.2490, 26.0062, 12.0596



Tritanomaly

148.9970, 4.9315, 51.7456

Monochromacy



Original Color

149.5780, 27.3230, 56.4981



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7650, 9.9759, 20.3771

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5780, 27.3230, 56.4981 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, 106, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 106, 205)  
}
```

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, 106, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 106, 205) }
```

Border

The CSS property to change the border of an element to YUV 149.5780, 27.3230, 56.4981 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, 106, 205) }
```


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

```
.border{ border-color:rgb(214, 106, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 106, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 106, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 106, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 106,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 149.5780, 27.3230, 56.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 106, 205) }
```

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

```
.background{ background-color: rgb(214,  
106, 205) }
```

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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