

Converting Colors

YUV(149.3330, 28.9228,
56.7130)

Have a look what the booklet for
YUV(149.3330, 28.9228, 56.7130)
contains.

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Color

**YUV(149.3330, 28.9228,
56.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	D669D0
RGB	214, 105, 208
RGB Percent	84%, 41%, 82%
CMY	0.1608, 0.5882, 0.1843
CMYK	0.00, 0.51, 0.03, 0.16
HSL	303°, 57%, 63%
HSV	303°, 51%, 84%
XYZ	44.1683, 28.9534, 62.9351
YIQ	149.3330, 31.9010, 55.1410

Conversions

Conversions Part 2

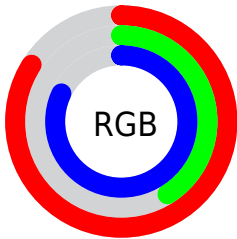
Format	Color
R _Y B	214, 105, 208
Decimal	14051792
CIE Lab	60.74, 56.50, -34.29
CIE LCh	61, 66.094, 328.749
Yxy	28.9534, 0.3246, 0.2128
Android (android.graphics.Color)	4292241872 (0xFFD669D0)
YUV	149.3330, 28.9228, 56.7130
Hunter-Lab	53.8083, 52.3563, -31.6808

Details

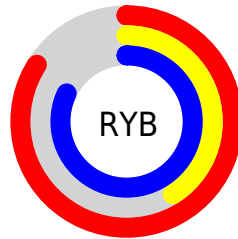
The YUV color **149.3330, 28.9228, 56.7130** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.6670, -28.9228, -56.7130**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **93.7350, 29.2176, 55.4834** is the 20% darker color. If you saturate the color by 10%, you get **136.8920, 34.5632, 67.6237**, and if you desaturate by 10%, it is **161.7740, 23.2824, 45.8022**.

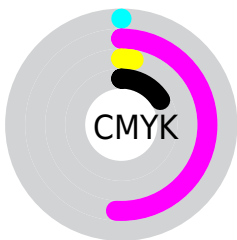
Distribution



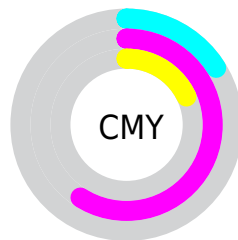
- Red (84%)
- Green (41%)
- Blue (82%)



- Red (84%)
- Yellow (41%)
- Blue (82%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (16%)





- Cyan (16%)
- Magenta (59%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.3330, 28.9228, 56.7130 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 149.3330, 28.9228, 56.7130 by changing the saturation by 10% instead.


 149.3330, 28.9228,
56.7130


 149.3330, 28.9228,
56.7130


255.0000, 0.0000,
0.0000


 121.6210, 28.7808,
55.5834


 199.2350, 27.4921,
48.9059


 93.7350, 29.2176,
55.4834


 215.6710, 19.3892,
34.4915


 61.8540, 32.1170,
58.8870

 232.6940, 10.9969,
19.5624

 42.1260, 29.5179,
52.5095

 249.7170, 2.6045,
4.6332

 31.2030, 22.5779,
38.4100

 21.7040, 15.9219,
26.5696

 9.3290, 11.1768,

8.4815

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 149.3330, 28.9228,
56.7130

■ 149.3330, 28.9228,
56.7130

■ 136.8920, 34.5632,
67.6237

■ 161.7740, 23.2824,
45.8022

■ 123.8640, 40.4930,
79.0493

■ 174.8020, 17.3526,
34.3766

■ 111.3090, 45.6967,
90.0600

■ 187.3570, 12.1490,
23.3659

■ 98.2810, 51.6265,
101.4856

■ 200.3850, 6.2192,
11.9404

87.0140, 56.6881,
111.3667

212.8260, 0.5788,
1.0296

225.2670, -5.0616,
-9.8812

238.2950,
-10.9914, -21.3067

238.4090,
-10.5546, -21.4067

238.6370, -9.6810,
-21.6066

Harmonies

Analogous

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



147.8440, 50.3629, -6.8792



149.3330, 28.9228, 56.7130



142.1360, 4.3700, 91.9657

Triad

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



149.3330, 28.9228, 56.7130



136.8640, -67.4740, 35.1993



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.



149.3330, 28.9228, 56.7130



169.6670, -28.9228, -56.7130

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.



117.7390, 11.9607, -103.2571



149.3330, 28.9228, 56.7130



132.1060, -51.3243, -11.4940

Square

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



149.3330, 28.9228, 56.7130



141.4210, -48.5216, 69.7908



108.5510, -13.0896, -95.1992



126.6600, 58.8346, -111.0808

Rectangle

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



149.3330, 28.9228, 56.7130



140.7610, -13.6862, 96.6796



108.5510, -13.0896, -95.1992



122.8860, 29.1432, -107.7710

Sweetspot

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



149.3330, 28.9228, 56.7130



232.4660, 10.1233, 19.7623



118.9210, 46.8739, -7.8237



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.



149.3330, 28.9228, 56.7130



162.4020, 41.2138, 81.2084



143.1770, 5.3357, 62.1118



100.5430, 3.1833, 5.6628



69.4830, 45.1179, 89.0304



17.5310, 11.5702, 22.3363

Inverse Universe

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



149.3330, 28.9228, 56.7130



162.4020, 41.2138, 81.2084



175.8230, -5.3357, -62.1118



100.5430, 3.1833, 5.6628



69.4830, 45.1179, 89.0304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 149.3330, 28.9228, 56.7130 looks on a white background.

Color Contrast Check

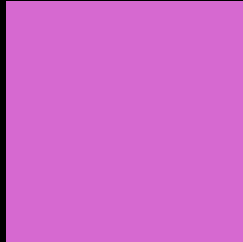
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.3330, 28.9228, 56.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

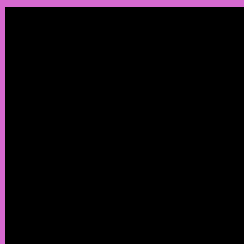
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.3330, 28.9228, 56.7130

Background



This preview shows how black text looks on a background with the YUV color 149.3330, 28.9228, 56.7130.



This preview shows how white text looks on a background with the YUV color 149.3330, 28.9228,

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

149.3330, 28.9228, 56.7130

Protanopia

144.2940, 47.6761, -31.8298

Deuteranopia

146.8990, 26.6718, -14.8204



Tritanopia

148.5440, -8.1562, 49.5119

Trichromacy



Original Color

149.3330, 28.9228, 56.7130



Protanomaly

146.3690, 40.7371, 0.5534



Deuteranomaly

147.7050, 27.7534, 11.6597



Tritanomaly

148.5240, 5.6577, 52.1605

Monochromacy



Original Color

149.3330, 28.9228, 56.7130



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1780, 10.2652, 20.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3330, 28.9228, 56.7130 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, 105, 208)` looks like.

```
.text, #text, p{  
    color:rgb(214, 105, 208)  
}
```

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, 105, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 105, 208) }
```

Border

The CSS property to change the border of an element to YUV 149.3330, 28.9228, 56.7130 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, 105, 208) }
```


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

```
.border{ border-color:rgb(214, 105, 208) }
```

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

Here you see how a box with a 4 pixel rgb(214, 105, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 105, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 105, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 105,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 149.3330, 28.9228, 56.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 105, 208) }
```

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

```
.background{ background-color: rgb(214,  
105, 208) }
```

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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