

Converting Colors

YUV(149.5350, 28.8232,
-4.8542)

Have a look what the booklet for
YUV(149.5350, 28.8232, -4.8542)
contains.

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Color

**YUV(149.5350, 28.8232,
-4.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	908DD0
RGB	144, 141, 208
RGB Percent	56%, 55%, 82%
CMY	0.4353, 0.4471, 0.1843
CMYK	0.31, 0.32, 0.00, 0.18
HSL	243°, 42%, 68%
HSV	243°, 32%, 82%
XYZ	32.4116, 29.5331, 63.6667
YIQ	149.5350, -19.7190, 21.4730

Conversions

Conversions Part 2

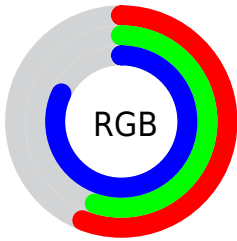
Format	Color
RYB	144, 141, 208
Decimal	9473488
CIELab	61.25, 16.35, -34.05
CIELCh	61, 37.776, 295.646
Yxy	29.5331, 0.2580, 0.2351
Android (android.graphics.Color)	4287663568 (0xFF908DD0)
YUV	149.5350, 28.8232, -4.8542
Hunter-Lab	54.3444, 11.3569, -31.4196

Details

The YUV color $149.5350, 28.8232, -4.8542$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $199.4650, -28.8232, 4.8542$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.0360, 25.6183, -3.5396$, and $98.0680, 27.0815, -6.1986$ is the 20% darker color. If you saturate the color by 10%, you get $131.2280, 37.8486, -6.3390$, and if you desaturate by 10%, it is $167.8420, 19.7979, -3.3694$.

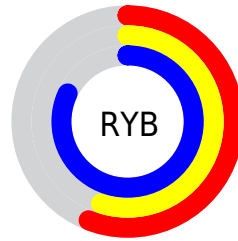
Distribution



Red (56%)

Green (55%)

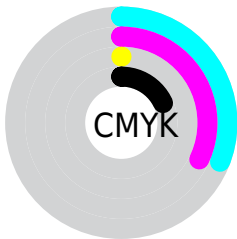
Blue (82%)



Red (56%)

Yellow (55%)

Blue (82%)

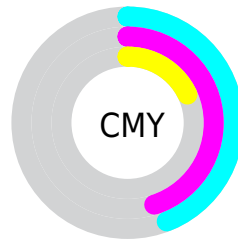


Cyan (31%)

Magenta (32%)

Yellow (0%)

Black (18%)



Cyan (44%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5350, 28.8232, -4.8542 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 149.5350, 28.8232, -4.8542 by changing the saturation by 10% instead.

■ 149.5350, 28.8232,
-4.8542

■ 149.5350, 28.8232,
-4.8542

■ 255.0000, 0.0000,
0.0000

■ 123.0080, 28.0971,
-5.2690

■ 203.0360, 25.6183,
-3.5396

■ 98.0680, 27.0815,
-6.1986

■ 227.5560, 13.5299,
0.3894

■ 74.1280, 26.0659,
-7.1283

■ 252.6520, 1.1576,
2.0592

■ 50.0030, 25.6345,
-8.7726

■ 26.4430, 24.9246,
-14.4205

■ 6.1560, 23.5871,
-5.3988

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 149.5350, 28.8232,
-4.8542

■ 149.5350, 28.8232,
-4.8542

■ 131.2280, 37.8486,
-6.3390

■ 167.8420, 19.7979,
-3.3694

■ 112.9210, 46.8739,
-7.8237

■ 186.1490, 10.7725,
-1.8847

■ 95.2010, 55.6099,
-9.8233

■ 203.8690, 2.0366,
0.1149

■ 77.1930, 64.4879,
-10.6933

■ 221.8770, -6.8414,
0.9849

■ 58.8860, 73.5132,
-12.1780

■ 240.1840,
-15.8667, 2.4696

■ 40.5790, 82.5386,
-13.6628

■ 249.6420,
-20.5295, 4.6990

■ 26.4030, 89.5273,
-15.2624

Harmonies

Analogous

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



139.9210, 36.5209, -47.2887



149.5350, 28.8232, -4.8542



152.2420, 16.6427, 28.7288

Triad

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



149.5350, 28.8232, -4.8542



147.7010, -26.4746, 44.9892



127.6940, 7.0529, -69.0146

Complementary

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



149.5350, 28.8232, -4.8542



199.4650, -28.8232, 4.8542

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.



137.4200, -14.0111, -32.8173



149.5350, 28.8232, -4.8542



145.3750, -32.2299, 24.2271

Square

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



149.5350, 28.8232, -4.8542



149.3830, -13.9928, 54.9151



142.6490, -27.9280, -2.3232



116.9190, 29.1269, -102.5380

Rectangle

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



149.5350, 28.8232, -4.8542



151.4090, 6.7004, 44.3683



142.6490, -27.9280, -2.3232



131.4200, -0.7001, -55.6193

Sweetspot

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



149.5350, 28.8232, -4.8542



233.1490, 10.7725, -1.8847



186.7930, 10.4551, -40.1605



114.1230, 6.8414, -0.9849



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.



149.5350, 28.8232, -4.8542



168.4820, 42.6534, -7.4387



159.4020, 23.9588, 15.4334



95.5530, 4.6574, -0.4850



21.5440, 72.2028, -11.8781



5.2720, 17.6139, -2.8695

Inverse Universe

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



168.3290, 18.0788, 34.7915



196.4310, 26.9025, 51.3650



189.5980, -23.9588, -15.4334



98.4290, 2.7465, 5.7628



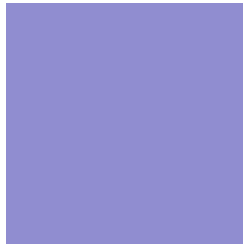
68.5860, 45.5601, 87.1861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 149.5350, 28.8232, -4.8542 looks on a white background.

Color Contrast Check

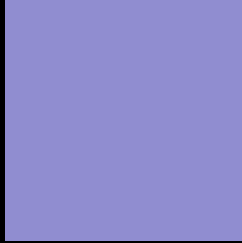
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5350, 28.8232, -4.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

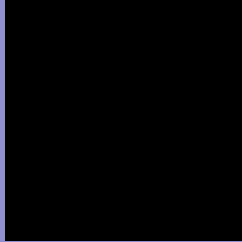
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.5350, 28.8232, -4.8542

Background



This preview shows how black text looks on a background with the YUV color 149.5350, 28.8232, -4.8542.



This preview shows how white text looks on a background with the YUV color 149.5350, 28.8232, -4.8542.

-4.8542.

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

149.5350, 28.8232, -4.8542

Protanopia

147.8430, 31.6294, -18.2793

Deuteranopia

147.2730, 29.4454, -17.7794



Tritanopia

146.5840, 7.6001, -11.0362

Trichromacy



Original Color

149.5350, 28.8232, -4.8542

Protanomaly

148.3490, 30.8869, -13.4611

Deuteranomaly

147.8930, 29.1398, -13.0612

Tritanomaly

147.9570, 15.3042, -8.7323

Monochromacy



Original Color

149.5350, 28.8232, -4.8542

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0350, 10.3357, -1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5350, 28.8232, -4.8542 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(144, 141, 208)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 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(144, 141, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 208) }
```

Border

The CSS property to change the border of an element to YUV 149.5350, 28.8232, -4.8542 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(144, 141, 208) }
```


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

```
.border{ border-color:rgb(144, 141, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 141, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 208);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 149.5350, 28.8232, -4.8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 208) }
```

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

```
.background{ background-color: rgb(144,  
141, 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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