

Converting Colors

YUV(159.5350, 28.8232,
-4.8542)

Have a look what the booklet for
YUV(159.5350, 28.8232, -4.8542)
contains.

YUV(159.5350, 28.8232, -4.8542)	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(159.5350, 28.8232,
-4.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	9A97DA
RGB	154, 151, 218
RGB Percent	60%, 59%, 85%
CMY	0.3961, 0.4078, 0.1451
CMYK	0.29, 0.31, 0.00, 0.15
HSL	243°, 48%, 72%
HSV	243°, 31%, 85%
XYZ	37.0479, 34.0652, 70.9523
YIQ	159.5350, -19.7190, 21.4730

Conversions

Conversions Part 2

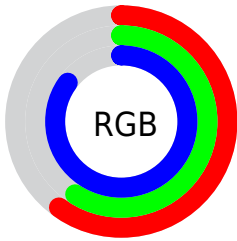
Format	Color
RYB	154, 151, 218
Decimal	10131418
CIELab	65.01, 16.04, -33.71
CIELCh	65, 37.335, 295.445
Yxy	34.0652, 0.2608, 0.2398
Android (android.graphics.Color)	4288321498 (0xFF9A97DA)
YUV	159.5350, 28.8232, -4.8542
Hunter-Lab	58.3654, 11.1649, -31.2205

Details

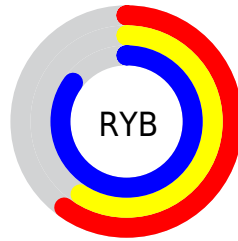
The YUV color $159.5350, 28.8232, -4.8542$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $209.4650, -28.8232, 4.8542$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.1950, 21.1029, -1.9250$, and $107.4810, 27.3709, -5.6838$ is the 20% darker color. If you saturate the color by 10%, you get $140.3420, 38.2854, -6.4389$, and if you desaturate by 10%, it is $178.7280, 19.3611, -3.2695$.

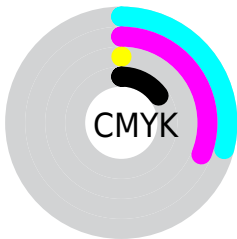
Distribution



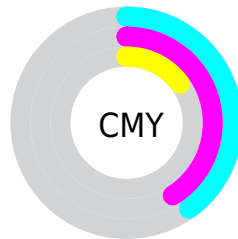
- Red (60%)
- Green (59%)
- Blue (85%)



- Red (60%)
- Yellow (59%)
- Blue (85%)



- Cyan (29%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5350, 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 159.5350, 28.8232, -4.8542 by changing the saturation by 10% instead.

■ 159.5350, 28.8232,
-4.8542

■ 159.5350, 28.8232,
-4.8542

255.0000, 0.0000,
0.0000

■ 133.0080, 28.0971,
-5.2690

■ 212.1950, 21.1029,
-1.9250

■ 107.4810, 27.3709,
-5.6838

■ 237.0030, 8.8725,
0.8744

■ 82.5410, 26.3553,
-6.6135

■ 59.3020, 25.4871,
-8.1579

■ 36.0520, 24.6244,
-11.4466

■ 13.5250, 23.8982,
-11.8614

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 159.5350, 28.8232,
-4.8542

■ 159.5350, 28.8232,
-4.8542

■ 140.3420, 38.2854,
-6.4389

■ 178.7280, 19.3611,
-3.2695

■ 121.1490, 47.7475,
-8.0237

■ 197.9210, 9.8989,
-1.6847

■ 102.8420, 56.7729,
-9.5084

■ 216.2280, 0.8736,
-0.2000

■ 83.6490, 66.2350,
-11.0932

■ 235.4210, -8.5886,
1.3848

■ 64.4560, 75.6972,
-12.6779

■ 250.7820,
-16.1615, 3.6992

■ 45.2630, 85.1593,
-14.2627

■ 27.8420, 93.7479,
-15.6474

Harmonies

Analogous

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



150.5190, 36.2261, -46.0592



159.5350, 28.8232, -4.8542



162.2420, 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.



159.5350, 28.8232, -4.8542



157.7010, -26.4746, 44.9892



139.0750, 5.8790, -65.8408

Complementary

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



159.5350, 28.8232, -4.8542



209.4650, -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.



147.7190, -14.1585, -32.2026



159.5350, 28.8232, -4.8542



155.7880, -31.9405, 24.7419

Square

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



159.5350, 28.8232, -4.8542



159.3830, -13.9928, 54.9151



152.0620, -27.6386, -1.8084



123.8150, 30.1642, -108.5858

Rectangle

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



159.5350, 28.8232, -4.8542



161.4090, 6.7004, 44.3683



152.0620, -27.6386, -1.8084



142.3170, -1.1423, -53.7750

Sweetspot

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



159.5350, 28.8232, -4.8542



234.9210, 9.8989, -1.6847



196.7930, 10.4551, -40.1605



115.0090, 6.4046, -0.8849



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.



159.5350, 28.8232, -4.8542



172.9120, 40.4694, -6.9388



169.4020, 23.9588, 15.4334



100.2540, 4.8048, -1.0998



22.1140, 74.3868, -12.3780



5.8420, 19.7979, -3.3694

Inverse Universe

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



178.3290, 18.0788, 34.7915



199.3660, 25.4556, 48.7910



199.5980, -23.9588, -15.4334



103.4290, 2.7465, 5.7628



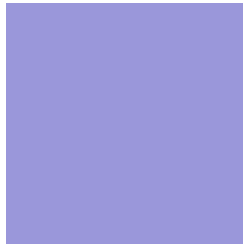
70.6510, 47.0071, 89.7601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 159.5350, 28.8232, -4.8542 looks on a white background.

Color Contrast Check

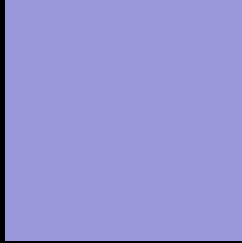
Large Text (above 18pt) WCAG AA × Fail

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 159.5350, 28.8232, -4.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

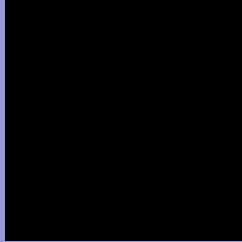
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.5350, 28.8232, -4.8542

Background



This preview shows how black text looks on a background with the YUV color 159.5350, 28.8232, -4.8542.



This preview shows how white text looks on a background with the YUV color 159.5350, 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

159.5350, 28.8232, -4.8542

Protanopia

157.1420, 31.4820, -17.6645

Deuteranopia

157.8710, 29.1506, -16.5499



Tritanopia

156.9970, 7.8895, -10.5214

Trichromacy



Original Color

159.5350, 28.8232, -4.8542

Protanomaly

158.2350, 30.4501, -13.3611

Deuteranomaly

158.1920, 28.9923, -12.4464

Tritanomaly

157.9570, 15.3042, -8.7323

Monochromacy



Original Color

159.5350, 28.8232, -4.8542

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0350, 10.3357, -1.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5350, 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(154, 151, 218)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 218)  
}
```

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(154, 151, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 218) }
```

Border

The CSS property to change the border of an element to YUV 159.5350, 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(154, 151, 218) }
```


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

```
.border{ border-color:rgb(154, 151, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 218);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 159.5350, 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(154, 151, 218) }
```

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

```
.background{ background-color: rgb(154,  
151, 218) }
```

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