

Converting Colors

YUV(156.6150, 47.5178,
-27.7264)

Have a look what the booklet for
YUV(156.6150, 47.5178, -27.7264)
contains.

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Color

**YUV(156.6150, 47.5178,
-27.7264)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7D9AFD |
| RGB | 125, 154, 253 |
| RGB Percent | 49%, 60%, 99% |
| CMY | 0.5098, 0.3961, 0.0078 |
| CMYK | 0.51, 0.39, 0.00, 0.01 |
| HSL | 226°, 97%, 74% |
| HSV | 226°, 51%, 99% |
| XYZ | 37.7427, 34.5630, 97.6106 |
| YIQ | 156.6150, -49.0630, 24.6410 |

Conversions

Conversions Part 2

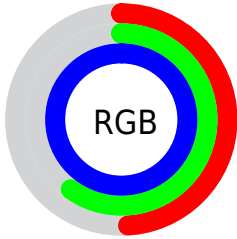
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 125, 149, 253 |
| Decimal | 8231677 |
| CIE _{Lab} | 65.41, 16.62, -52.49 |
| CIE _{LCh} | 65, 55.056, 287.567 |
| Yxy | 34.5630, 0.2221, 0.2034 |
| Android (android.graphics.Color) | 4286421757 (0xFF7D9AFD) |
| YUV | 156.6150, 47.5178, -27.7264 |
| Hunter-Lab | 58.7903, 11.7117, -57.2870 |

Details

The YUV color **156.6150, 47.5178, -27.7264** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **221.3850, -47.5178, 27.7264**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1820, 24.0673, -19.4536**, and **101.9410, 46.3711, -33.2743** is the 20% darker color. If you saturate the color by 10%, you get **137.4000, 56.9908, -32.7998**, and if you desaturate by 10%, it is **175.8300, 38.0448, -22.6529**.

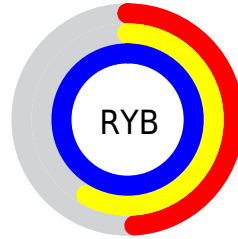
Distribution



Red (49%)

Green (60%)

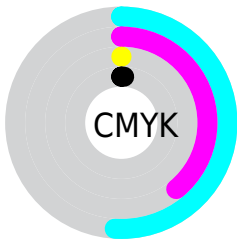
Blue (99%)



Red (49%)

Yellow (58%)

Blue (99%)

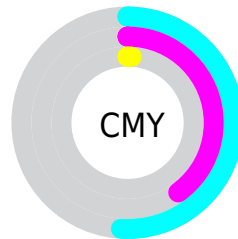


Cyan (51%)

Magenta (39%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (40%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6150, 47.5178, -27.7264 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 156.6150, 47.5178, -27.7264 by changing the saturation by 10% instead.

■ 156.6150, 47.5178,
-27.7264

■ 156.6150, 47.5178,
-27.7264

■ 255.0000, 0.0000,
0.0000

■ 129.0770, 46.7970,
-29.8855

■ 206.1820, 24.0673,
-19.4536

■ 101.9410, 46.3711,
-33.2743

■ 231.2890, 11.6895,
-16.0395

■ 72.9890, 46.8404,
-43.8404

■ 251.4120, 1.7689,
-7.3773

■ 49.5330, 45.0932,
-43.4404

■ 34.8290, 39.5243,
-30.5450

■ 20.2390, 34.3922,
-17.7496

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 156.6150, 47.5178,
-27.7264

■ 156.6150, 47.5178,
-27.7264

■ 137.4000, 56.9908,
-32.7998

■ 175.8300, 38.0448,
-22.6529

■ 118.4730, 66.3218,
-39.0028

■ 194.7570, 28.7138,
-16.4499

■ 99.2580, 75.7948,
-44.0763

■ 213.9720, 19.2408,
-11.3764

■ 80.6300, 84.9784,
-49.6645

■ 232.6000, 10.0572,
-5.7882

■ 62.3010, 94.0146,
-54.6380

■ 252.1140, 0.4368,
-0.1000

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



128.8600, 62.1870, -113.0102



156.6150, 47.5178, -27.7264



163.9230, 30.6040, 30.7625

Triad

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



156.6150, 47.5178, -27.7264



156.9060, -33.9707, 69.3654



122.3380, 6.7354, -107.2904

Complementary

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



156.6150, 47.5178, -27.7264



221.3850, -47.5178, 27.7264

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.



143.6570, -26.9459, -37.4102



156.6150, 47.5178, -27.7264



155.1850, -47.4192, 42.8108

Square

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



156.6150, 47.5178, -27.7264



157.8900, -12.7638, 80.7805



150.7090, -45.7055, 6.3942



128.7390, 28.7227, -112.9041

Rectangle

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



156.6150, 47.5178, -27.7264



162.5430, 16.9873, 58.2828



150.7090, -45.7055, 6.3942



130.2890, -5.5655, -81.8145

Sweetspot

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



156.6150, 47.5178, -27.7264



226.0280, 14.2832, -7.9176



211.3080, 5.7642, -75.6921



110.5570, 8.5994, -4.8735



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.



156.6150, 47.5178, -27.7264



137.9160, 57.7224, -34.1293



149.7580, 50.8983, 8.1052



118.2430, 4.8102, -2.8441



47.0150, 70.9846, -41.2322



15.5140, 23.9036, -13.6058

Inverse Universe

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



166.5780, -6.2010, 75.7921



149.7480, -7.2708, 92.3060



228.2420, -50.8983, -8.1052



119.2290, -0.6059, 7.6922



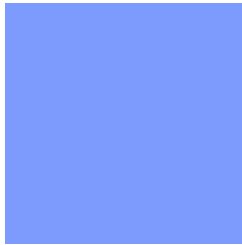
62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 156.6150, 47.5178, -27.7264 looks on a white background.

Color Contrast Check

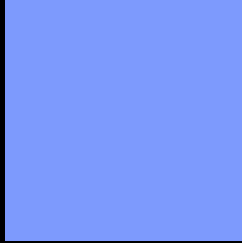
Large Text (above 18pt) WCAG AA × Fail

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 156.6150, 47.5178, -27.7264 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 156.6150, 47.5178, -27.7264 Background



This preview shows how black text looks on a background with the YUV color 156.6150, 47.5178, -27.7264.



This preview shows how white text looks on a background with the YUV color 156.6150, 47.5178, -27.7264.

-27.7264.

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

156.6150, 47.5178, -27.7264

Protanopia

155.8210, 48.4022, -31.4150

Deuteranopia

153.4560, 48.5822, -42.4959



Tritanopia

150.4490, 15.5546, -42.4898

Trichromacy



Original Color

156.6150, 47.5178, -27.7264

Protanomaly

156.4190, 48.1074, -30.1855

Deuteranomaly

154.3750, 48.1291, -37.1629

Tritanomaly

152.8700, 27.1791, -37.5970

Monochromacy



Original Color

156.6150, 47.5178, -27.7264

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8150, 17.3462, -10.3618

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6150, 47.5178, -27.7264 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(125, 154, 253)` looks like.

```
.text, #text, p{  
    color:rgb(125, 154, 253)  
}
```

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(125, 154, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 154, 253) }
```

Border

The CSS property to change the border of an element to YUV 156.6150, 47.5178, -27.7264 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(125, 154, 253) }
```


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

```
.border{ border-color:rgb(125, 154, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 154, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 154, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 154, 253);  
box-shadow:4px 4px 4px 4px rgb(125, 154,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 156.6150, 47.5178, -27.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 154, 253) }
```

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

```
.background{ background-color: rgb(125,  
154, 253) }
```

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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