

Converting Colors

YUV(156.5460, 28.8178,
-3.1098)

Have a look what the booklet for
YUV(156.5460, 28.8178, -3.1098)
contains.

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Color

**YUV(156.5460, 28.8178,
-3.1098)**

Conversions

Conversions Part 1

Format	Color
Hex	9993D7
RGB	153, 147, 215
RGB Percent	60%, 58%, 84%
CMY	0.4000, 0.4235, 0.1569
CMYK	0.29, 0.32, 0.00, 0.16
HSL	245°, 46%, 71%
HSV	245°, 32%, 84%
XYZ	35.8363, 32.5460, 68.6832
YIQ	156.5460, -18.2520, 22.4200

Conversions

Conversions Part 2

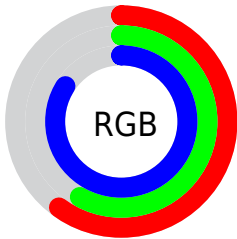
Format	Color
RYB	153, 147, 215
Decimal	10064855
CIELab	63.79, 17.28, -33.95
CIELCh	64, 38.100, 296.980
Yxy	32.5460, 0.2615, 0.2374
Android (android.graphics.Color)	4288254935 (0xFF9993D7)
YUV	156.5460, 28.8178, -3.1098
Hunter-Lab	57.0491, 12.2917, -31.4467

Details

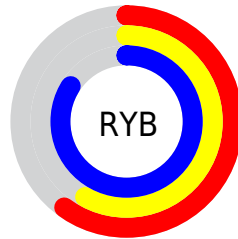
The YUV color **156.5460, 28.8178, -3.1098** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205.4540, -28.8178, 3.1098**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5480, 22.4078, -0.4806**, and **104.4920, 27.3654, -3.9395** is the 20% darker color. If you saturate the color by 10%, you get **138.2390, 37.8432, -4.5946**, and if you desaturate by 10%, it is **175.4400, 19.5031, -2.1399**.

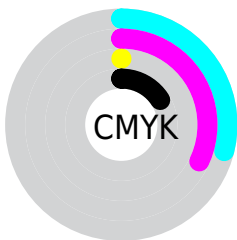
Distribution



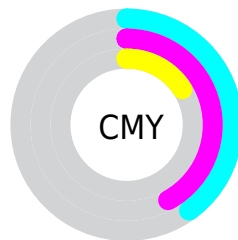
- Red (60%)
- Green (58%)
- Blue (84%)



- Red (60%)
- Yellow (58%)
- Blue (84%)



- Cyan (29%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5460, 28.8178, -3.1098 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 156.5460, 28.8178, -3.1098 by changing the saturation by 10% instead.

■ 156.5460, 28.8178,
-3.1098

■ 156.5460, 28.8178,
-3.1098

255.0000, 0.0000,
0.0000

■ 130.0190, 28.0916,
-3.5247

■ 209.5480, 22.4078,
-0.4806

■ 104.4920, 27.3654,
-3.9395

■ 234.3560, 10.1775,
2.3188

■ 80.2530, 26.4973,
-5.4839

■ 56.3130, 25.4817,
-6.4135

■ 33.0630, 24.6189,
-9.7023

■ 10.3620, 24.4715,
-9.0875

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 156.5460, 28.8178,
-3.1098

■ 156.5460, 28.8178,
-3.1098

■ 138.2390, 37.8432,
-4.5946

■ 175.4400, 19.5031,
-2.1399

■ 119.6440, 47.0105,
-4.9498

■ 193.4480, 10.6251,
-1.2699

■ 100.7500, 56.3252,
-5.9197

■ 211.7550, 1.5998,
0.2149

■ 82.7420, 65.2032,
-6.7897

■ 230.3500, -7.5675,
0.5701

■ 64.4350, 74.2285,
-8.2745

■ 249.2440,
-16.8823, 1.5400

■ 45.5410, 83.5433,
-9.2445

■ 250.4400,
-17.4719, 3.9991

■ 30.1910, 91.1108,
-9.8145

Harmonies

Analogous

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



147.3450, 36.8049, -45.0296



156.5460, 28.8178, -3.1098



159.1390, 16.2005, 30.5731

Triad

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



156.5460, 28.8178, -3.1098



154.4730, -27.3482, 45.1892



133.9110, 7.9319, -70.9589

Complementary

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



156.5460, 28.8178, -3.1098



205.4540, -28.8178, 3.1098

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.



143.5230, -13.5688, -34.6617



156.5460, 28.8178, -3.1098



151.9620, -32.5193, 23.7123

Square

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



156.5460, 28.8178, -3.1098



156.0410, -15.3032, 55.2150



149.0510, -27.6331, -3.5527



121.9400, 30.5956, -106.9414

Rectangle

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



156.5460, 28.8178, -3.1098



158.3060, 6.2581, 46.2126



149.0510, -27.6331, -3.5527



137.6370, 0.1790, -57.5636

Sweetspot

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



156.5460, 28.8178, -3.1098



235.2200, 9.7515, -1.0699



191.1460, 11.7600, -38.7160



115.3080, 6.2572, -0.2701



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.



156.5460, 28.8178, -3.1098



171.7490, 41.0427, -4.1649



166.7120, 23.8060, 17.7926



97.5530, 4.6574, -0.4850



23.9790, 72.4814, -7.8746



6.0980, 18.1927, -1.8399

Inverse Universe

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



174.4000, 17.0578, 35.6062



197.0350, 24.1397, 50.8353



195.2880, -23.8060, -17.7926



100.4290, 2.7465, 5.7628



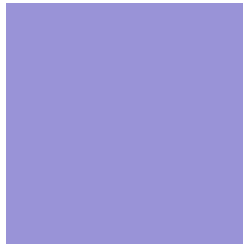
68.9130, 42.9339, 89.5303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 156.5460, 28.8178, -3.1098 looks on a white background.

Color Contrast Check

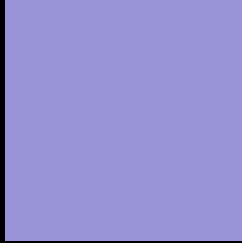
Large Text (above 18pt) WCAG AA × Fail

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 156.5460, 28.8178, -3.1098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

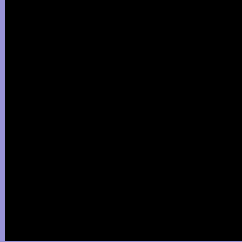
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.5460, 28.8178, -3.1098

Background



This preview shows how black text looks on a background with the YUV color 156.5460, 28.8178, -3.1098.



This preview shows how white text looks on a background with the YUV color 156.5460, 28.8178, -3.1098.

-3.1098.

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

156.5460, 28.8178, -3.1098

Protanopia

153.9570, 32.0662, -18.3793

Deuteranopia

154.5720, 29.2980, -17.1646



Tritanopia

153.8940, 7.4473, -8.6770

Trichromacy



Original Color

156.5460, 28.8178, -3.1098

Protanomaly

154.7620, 31.1763, -12.9463

Deuteranomaly

155.4910, 28.8449, -11.8316

Tritanomaly

154.9680, 15.2988, -6.9879

Monochromacy



Original Color

156.5460, 28.8178, -3.1098

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7470, 10.4777, -0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5460, 28.8178, -3.1098 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(153, 147, 215)` looks like.

```
.text, #text, p{  
    color:rgb(153, 147, 215)  
}
```

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(153, 147, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 147, 215) }
```

Border

The CSS property to change the border of an element to YUV 156.5460, 28.8178, -3.1098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

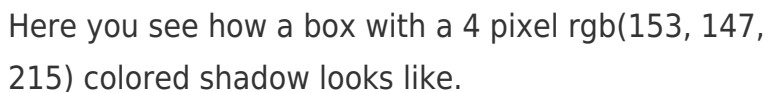
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 147, 215) }
```


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

```
.border{ border-color:rgb(153, 147, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 147, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 147, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 147, 215); box-shadow:4px 4px 4px 4px rgb(153, 147, 215) }
```

Background

The CSS property to change the background color of an element to YUV 156.5460, 28.8178, -3.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 147, 215) }
```

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

```
.background{ background-color: rgb(153,  
147, 215) }
```

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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