

Converting Colors

YUV(156.3020, 28.9381, 4.9971)

Have a look what the booklet for
YUV(156.3020, 28.9381, 4.9971)
contains.

YUV(156.3020, 28.9381, 4.9971)	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(156.3020, 28.9381,
4.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	A28ED7
RGB	162, 142, 215
RGB Percent	64%, 56%, 84%
CMY	0.3647, 0.4431, 0.1569
CMYK	0.25, 0.34, 0.00, 0.16
HSL	256°, 48%, 70%
HSV	256°, 34%, 84%
XYZ	36.8390, 31.9337, 68.5122
YIQ	156.3020, -11.5130, 26.9430

Conversions

Conversions Part 2

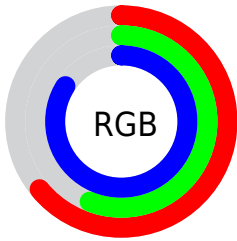
Format	Color
R _Y B	162, 142, 215
Decimal	10653399
CIE Lab	63.29, 22.79, -34.68
CIE LCh	63, 41.499, 303.316
Yxy	31.9337, 0.2683, 0.2326
Android (android.graphics.Color)	4288843479 (0xFFA28ED7)
YUV	156.3020, 28.9381, 4.9971
Hunter-Lab	56.5099, 17.4726, -32.3258

Details

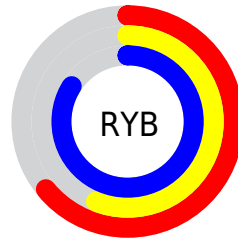
The YUV color **156.3020, 28.9381, 4.9971** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **200.6980, -28.9381, -4.9971**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3040, 22.5281, 7.6264**, and **104.8350, 27.1963, 3.6527** is the 20% darker color. If you saturate the color by 10%, you get **139.1910, 37.3738, 5.9715**, and if you desaturate by 10%, it is **174.0000, 20.2130, 3.5080**.

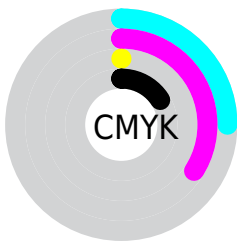
Distribution



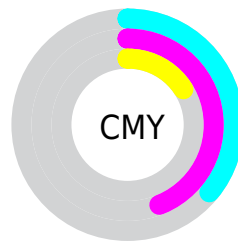
- Red (64%)
- Green (56%)
- Blue (84%)



- Red (64%)
- Yellow (56%)
- Blue (84%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3020, 28.9381, 4.9971 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 156.3020, 28.9381, 4.9971 by changing the saturation by 10% instead.

■ 156.3020, 28.9381,
4.9971

■ 156.3020, 28.9381,
4.9971

■ 255.0000, 0.0000,
0.0000

■ 129.7750, 28.2119,
4.5823

■ 209.3040, 22.5281,
7.6264

■ 104.8350, 27.1963,
3.6527

■ 234.4110, 10.1504,
11.0406

■ 79.8950, 26.1808,
2.7231

■ 253.2390, 0.8682,
1.5444

■ 56.0690, 25.6020,
1.6935

■ 33.4170, 24.4444,
-0.3657

■ 9.2320, 25.0286,
-1.0805

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 156.3020, 28.9381,
4.9971

■ 156.3020, 28.9381,
4.9971

■ 139.1910, 37.3738,
5.9715

■ 174.0000, 20.2130,
3.5080

■ 121.7920, 45.9515,
8.0754

■ 190.8120, 11.9247,
1.9189

■ 104.6810, 54.3873,
9.0498

■ 208.5100, 3.1996,
0.4297

■ 87.2820, 62.9650,
11.1537

■ 225.3220, -5.0887,
-1.1594

■ 70.1710, 71.4007,
12.1280

■ 243.0200,
-13.8139, -2.6485

■ 52.4730, 80.1258,
13.6172

■ 250.4400,
-17.4719, 3.9991

■ 42.1510, 85.2146,
14.7766

Harmonies

Analogous

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



147.6490, 39.1200, -40.9112



156.3020, 28.9381, 4.9971



157.7380, 14.4262, 39.6948

Triad

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



156.3020, 28.9381, 4.9971



152.3220, -31.7107, 44.4446



118.7480, 18.3652, -104.1420

Complementary

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



156.3020, 28.9381, 4.9971



200.6980, -28.9381, -4.9971

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.



139.3690, -10.0419, -45.9276



156.3020, 28.9381, 4.9971



149.5440, -35.2712, 19.6939

Square

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



156.3020, 28.9381, 4.9971



154.3250, -19.3872, 58.4740



146.0070, -27.6115, -10.5301



122.3790, 34.8162, -107.3264

Rectangle

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



156.3020, 28.9381, 4.9971



156.5520, 3.1789, 53.8899



146.0070, -27.6115, -10.5301



129.5250, 6.6432, -77.6364

Sweetspot

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



156.3020, 28.9381, 4.9971



234.6440, 10.0355, 1.1892



182.0200, 16.2591, -35.0975



115.0200, 6.3991, 0.8595



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.



156.3020, 28.9381, 4.9971



170.6410, 41.5890, 7.3308



167.0660, 23.6315, 27.1291



98.1510, 4.3626, 0.7446



33.5470, 67.7643, 11.7983



8.4900, 17.0134, 3.0783

Inverse Universe

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



169.8690, 12.3896, 39.5799



190.0590, 17.7189, 56.9533



189.9340, -23.6315, -27.1291



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 156.3020, 28.9381, 4.9971 looks on a white background.

Color Contrast Check

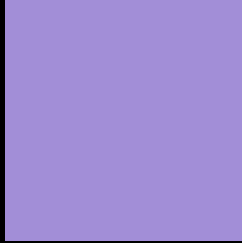
Large Text (above 18pt) WCAG AA × Fail

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 156.3020, 28.9381, 4.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

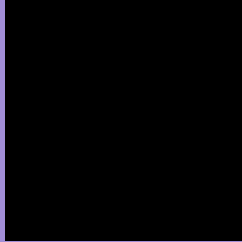
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.3020, 28.9381, 4.9971

Background



This preview shows how black text looks on a background with the YUV color 156.3020, 28.9381, 4.9971.



This preview shows how white text looks on a background with the YUV color 156.3020, 28.9381, 4.9971.

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

156.3020, 28.9381, 4.9971

Protanopia

152.8150, 34.1082, -20.0088

Deuteranopia

152.6860, 29.7348, -17.2646



Tritanopia

153.6670, 5.0942, -0.5850

Trichromacy



Original Color

156.3020, 28.9381, 4.9971

Protanomaly

154.3000, 31.8971, -10.7871

Deuteranomaly

154.3280, 29.4183, -9.0577

Tritanomaly

154.3820, 14.1087, 1.4190

Monochromacy



Original Color

156.3020, 28.9381, 4.9971

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0570, 10.3249, 1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3020, 28.9381, 4.9971 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(162, 142, 215)` looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 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(162, 142, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 215) }
```

Border

The CSS property to change the border of an element to YUV 156.3020, 28.9381, 4.9971 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(162, 142, 215) }
```


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

```
.border{ border-color:rgb(162, 142, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 142, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 215);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 156.3020, 28.9381, 4.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 142, 215) }
```

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

```
.background{ background-color: rgb(162,  
142, 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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