

Converting Colors

YUV(159.6500, 27.7805, 2.9379)

Have a look what the booklet for
YUV(159.6500, 27.7805, 2.9379)
contains.

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Color

**YUV(159.6500, 27.7805,
2.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	A393D8
RGB	163, 147, 216
RGB Percent	64%, 58%, 85%
CMY	0.3608, 0.4235, 0.1529
CMYK	0.25, 0.32, 0.00, 0.15
HSL	254°, 47%, 71%
HSV	254°, 32%, 85%
XYZ	37.9326, 33.6118, 69.4542
YIQ	159.6500, -12.6130, 24.8510

Conversions

Conversions Part 2

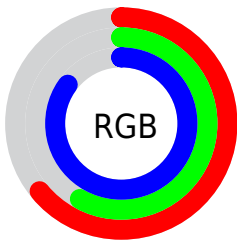
Format	Color
R_{YB}	163, 147, 216
Decimal	10720216
CIE _{Lab}	64.65, 20.48, -33.11
CIE _{LCh}	65, 38.930, 301.743
Yxy	33.6118, 0.2690, 0.2384
Android (android.graphics.Color)	4288910296 (0xFFA393D8)
YUV	159.6500, 27.7805, 2.9379
Hunter-Lab	57.9757, 15.3324, -30.4457

Details

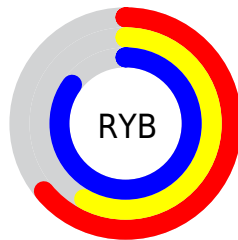
The YUV color $159.6500, 27.7805, 2.9379$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $203.3500, -27.7805, -2.9379$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.5380, 20.9338, 5.6672$, and $107.5960, 26.3282, 2.1083$ is the 20% darker color. If you saturate the color by 10%, you get $141.6530, 36.6531, 3.8123$, and if you desaturate by 10%, it is $177.6470, 18.9080, 2.0636$.

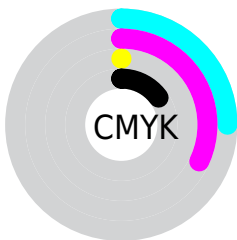
Distribution



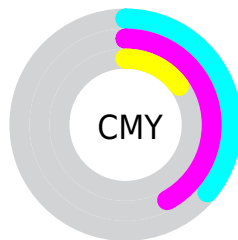
- Red (64%)
- Green (58%)
- Blue (85%)



- Red (64%)
- Yellow (58%)
- Blue (85%)



- Cyan (25%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6500, 27.7805, 2.9379 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 159.6500, 27.7805, 2.9379 by changing the saturation by 10% instead.

■ 159.6500, 27.7805,
2.9379

■ 159.6500, 27.7805,
2.9379

■ 255.0000, 0.0000,
0.0000

■ 133.1230, 27.0544,
2.5231

■ 212.5380, 20.9338,
5.6672

■ 107.5960, 26.3282,
2.1083

■ 237.6450, 8.5560,
9.0813

■ 82.6560, 25.3126,
1.1787

■ 59.4170, 24.4444,
-0.3657

■ 36.7650, 23.2869,
-2.4249

■ 12.8680, 23.7291,
-4.2692

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 159.6500, 27.7805,
2.9379

■ 159.6500, 27.7805,
2.9379

■ 141.6530, 36.6531,
3.8123

■ 177.6470, 18.9080,
2.0636

■ 124.5420, 45.0888,
4.7867

■ 194.7580, 10.4723,
1.0892

■ 106.5450, 53.9613,
5.6610

■ 212.7550, 1.5998,
0.2149

■ 89.4340, 62.3970,
6.6354

■ 229.8660, -6.8359,
-0.7595

■ 71.4370, 71.2696,
7.5098

■ 247.8630,
-15.7085, -1.6339

■ 53.4400, 80.1421,
8.3841

■ 250.5540,
-17.0351, 3.8991

■ 39.5740, 86.9780,
9.1436

Harmonies

Analogous

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



151.6770, 36.6412, -39.1817



159.6500, 27.7805, 2.9379



161.3030, 14.1476, 35.6913

Triad

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



159.6500, 27.7805, 2.9379



156.4790, -29.8161, 43.4299



132.6970, 12.4744, -81.2953

Complementary

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



159.6500, 27.7805, 2.9379



203.3500, -27.7805, -2.9379

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.



144.2880, -10.4950, -40.5946



159.6500, 27.7805, 2.9379



153.7120, -33.3820, 20.4236

Square

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



159.6500, 27.7805, 2.9379



158.3570, -17.9240, 55.8149



150.5450, -26.8907, -8.3710



124.0260, 33.5112, -108.7708

Rectangle

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



159.6500, 27.7805, 2.9379



160.3450, 3.7739, 49.6864



150.5450, -26.8907, -8.3710



138.2060, 3.8424, -65.9557

Sweetspot

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



159.6500, 27.7805, 2.9379



234.3450, 10.1829, 0.5744



186.5640, 14.5119, -34.6976



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.



159.6500, 27.7805, 2.9379



175.9350, 38.9790, 4.4420



169.5170, 22.9161, 23.2256



98.1510, 4.3626, 0.7446



31.4540, 68.7962, 7.4948



7.8920, 17.3082, 1.8487

Inverse Universe

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



173.6730, 12.9792, 37.1208



195.5530, 18.4614, 52.1350



193.4830, -22.9161, -23.2256



100.3150, 2.3097, 5.8627



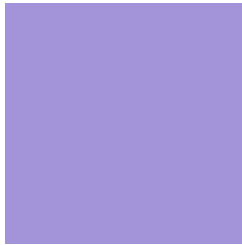
66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 159.6500, 27.7805, 2.9379 looks on a white background.

Color Contrast Check

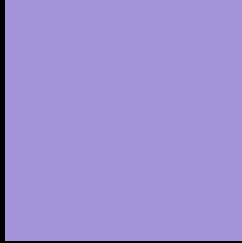
Large Text (above 18pt) WCAG AA × Fail

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 159.6500, 27.7805, 2.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

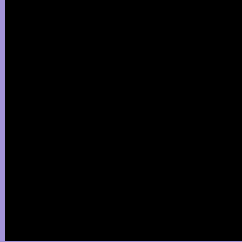
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.6500, 27.7805, 2.9379

Background



This preview shows how black text looks on a background with the YUV color 159.6500, 27.7805, 2.9379.



This preview shows how white text looks on a background with the YUV color 159.6500, 27.7805,

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

159.6500, 27.7805, 2.9379

Protanopia

156.9570, 32.0662, -18.3793

Deuteranopia

156.9420, 28.1296, -15.7351



Tritanopia

156.8840, 5.9732, -2.5293

Trichromacy



Original Color

159.6500, 27.7805, 2.9379

Protanomaly

157.9580, 30.5867, -10.4872

Deuteranomaly

157.9860, 28.1079, -8.7577

Tritanomaly

157.9580, 13.8247, -0.8402

Monochromacy



Original Color

159.6500, 27.7805, 2.9379

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.6440, 10.0355, 1.1892

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6500, 27.7805, 2.9379 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(163, 147, 216)` looks like.

```
.text, #text, p{  
    color:rgb(163, 147, 216)  
}
```

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(163, 147, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 147, 216) }
```

Border

The CSS property to change the border of an element to YUV 159.6500, 27.7805, 2.9379 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(163, 147, 216) }
```


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

```
.border{ border-color:rgb(163, 147, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 147, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 147, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 147, 216);  
box-shadow:4px 4px 4px 4px rgb(163, 147,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 159.6500, 27.7805, 2.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 147, 216) }
```

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

```
.background{ background-color: rgb(163,  
147, 216) }
```

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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