

Converting Colors

YUV(169.9600, 27.6277, 5.2971)

Have a look what the booklet for
YUV(169.9600, 27.6277, 5.2971)
contains.

YUV(169.9600, 27.6277, 5.2971)	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(169.9600, 27.6277,
5.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	B09CE2
RGB	176, 156, 226
RGB Percent	69%, 61%, 89%
CMY	0.3098, 0.3882, 0.1137
CMYK	0.22, 0.31, 0.00, 0.11
HSL	257°, 55%, 75%
HSV	257°, 31%, 89%
XYZ	43.5204, 38.4980, 77.0886
YIQ	169.9600, -10.5500, 26.0100

Conversions

Conversions Part 2

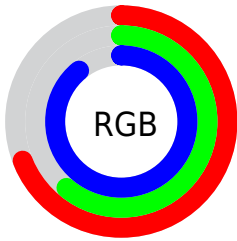
Format	Color
R _Y B	176, 156, 226
Decimal	11574498
CIE Lab	68.39, 21.65, -32.76
CIE LCh	68, 39.266, 303.454
Yxy	38.4980, 0.2735, 0.2420
Android (android.graphics.Color)	4289764578 (0xFFB09CE2)
YUV	169.9600, 27.6277, 5.2971
Hunter-Lab	62.0468, 16.6204, -30.2308

Details

The YUV color $169.9600, 27.6277, 5.2971$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $212.0400, -27.6277, -5.2971$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.2950, 16.1236, 8.5113$, and $117.4930, 25.8860, 3.9526$ is the 20% darker color. If you saturate the color by 10%, you get $151.6750, 36.6422, 7.3010$, and if you desaturate by 10%, it is $188.2450, 18.6132, 3.2931$.

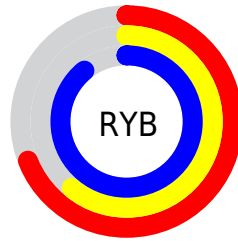
Distribution



Red (69%)

Green (61%)

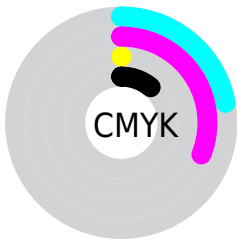
Blue (89%)



Red (69%)

Yellow (61%)

Blue (89%)

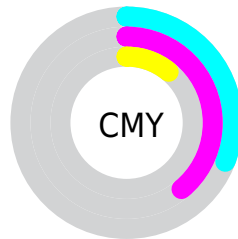


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9600, 27.6277, 5.2971 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 169.9600, 27.6277, 5.2971 by changing the saturation by 10% instead.

■ 169.9600, 27.6277,
5.2971

■ 169.9600, 27.6277,
5.2971

255.0000, 0.0000,
0.0000

■ 143.4330, 26.9015,
4.8823

■ 222.2950, 16.1236,
8.5113

■ 117.4930, 25.8860,
3.9526

■ 245.6080, 4.6303,
8.2368

■ 92.0800, 25.5966,
3.4378

■ 68.1400, 24.5810,
2.5082

■ 44.9010, 23.7128,
0.9638

■ 22.9500, 22.7026,
-1.7101

■ 5.2440, 20.0927,

-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 169.9600, 27.6277,
5.2971

■ 169.9600, 27.6277,
5.2971

■ 151.6750, 36.6422,
7.3010

■ 188.2450, 18.6132,
3.2931

■ 133.9770, 45.3673,
8.7902

■ 205.9430, 9.8881,
1.8040

■ 115.6920, 54.3818,
10.7941

■ 224.2280, 0.8736,
-0.2000

■ 97.6950, 63.2544,
11.6685

■ 242.2250, -7.9989,
-1.0743

■ 79.4100, 72.2689,
13.6724

■ 251.6940,
-12.6671, 2.8994

■ 61.1250, 81.2834,
15.6764

■ 45.1990, 89.1349,
17.3655

Harmonies

Analogous

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



162.4000, 36.7778, -36.3078



169.9600, 27.6277, 5.2971



171.4990, 13.5580, 38.1504

Triad

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



169.9600, 27.6277, 5.2971



166.5390, -30.8317, 42.5003



143.2130, 13.2060, -82.6248

Complementary

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



169.9600, 27.6277, 5.2971



212.0400, -27.6277, -5.2971

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.



154.0920, -9.9054, -43.0537



169.9600, 27.6277, 5.2971



163.8860, -33.9608, 19.3940

Square

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



169.9600, 27.6277, 5.2971



168.3140, -19.3818, 56.7296



159.6480, -26.4485, -10.2153



131.3780, 36.2956, -115.2185

Rectangle

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



169.9600, 27.6277, 5.2971



170.4270, 2.7475, 52.2455



159.6480, -26.4485, -10.2153



147.4230, 4.7215, -67.9000

Sweetspot

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



169.9600, 27.6277, 5.2971



236.7150, 9.0145, 2.0039



193.3300, 16.1063, -32.7384



115.9060, 5.9623, 0.9594



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.



169.9600, 27.6277, 5.2971



179.7890, 37.0790, 7.2010



180.4250, 22.4685, 26.8143



103.1510, 4.3626, 0.7446



35.0140, 69.5061, 13.1427



9.6580, 18.9026, 3.8079

Inverse Universe

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



182.6300, 11.5214, 38.0355



196.7440, 15.4092, 51.0905



201.5750, -22.4685, -26.8143



105.2010, 1.8729, 5.9627



66.9880, 29.0929, 95.6035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 169.9600, 27.6277, 5.2971 looks on a white background.

Color Contrast Check

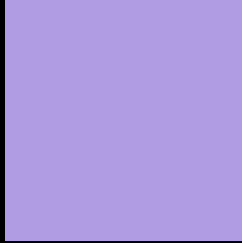
Large Text (above 18pt) WCAG AA × Fail

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 169.9600, 27.6277, 5.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

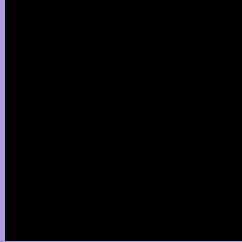
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.9600, 27.6277, 5.2971

Background



This preview shows how black text looks on a background with the YUV color 169.9600, 27.6277, 5.2971.



This preview shows how white text looks on a background with the YUV color 169.9600, 27.6277, 5.2971.

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

169.9600, 27.6277, 5.2971

Protanopia

166.4840, 32.7924, -17.9645

Deuteranopia

166.9530, 28.1242, -13.9908



Tritanopia

167.0800, 5.3836, -0.0702

Trichromacy



Original Color

169.9600, 27.6277, 5.2971

Protanomaly

167.6700, 30.7287, -9.3576

Deuteranomaly

167.9970, 28.1025, -7.0134

Tritanomaly

168.1540, 13.2351, 1.6189

Monochromacy



Original Color

169.9600, 27.6277, 5.2971

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9430, 9.8881, 1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9600, 27.6277, 5.2971 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(176, 156, 226)` looks like.

```
.text, #text, p{  
    color:rgb(176, 156, 226)  
}
```

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(176, 156, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 156, 226) }
```

Border

The CSS property to change the border of an element to YUV 169.9600, 27.6277, 5.2971 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(176, 156, 226) }
```


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

```
.border{ border-color:rgb(176, 156, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 156, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 156, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 156, 226);  
box-shadow:4px 4px 4px 4px rgb(176, 156,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 169.9600, 27.6277, 5.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 156, 226) }
```

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

```
.background{ background-color: rgb(176,  
156, 226) }
```

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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