

Converting Colors

YUV(168.5900, 28.7961, 3.8676)

Have a look what the booklet for
YUV(168.5900, 28.7961, 3.8676)
contains.

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Color

**YUV(168.5900, 28.7961,
3.8676)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9BE3
RGB	173, 155, 227
RGB Percent	68%, 61%, 89%
CMY	0.3216, 0.3922, 0.1098
CMYK	0.24, 0.32, 0.00, 0.11
HSL	255°, 56%, 75%
HSV	255°, 32%, 89%
XYZ	42.8201, 37.8730, 77.7264
YIQ	168.5900, -12.3840, 26.2080

Conversions

Conversions Part 2

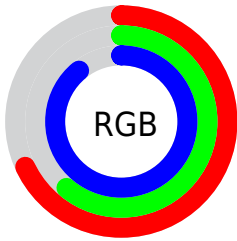
Format	Color
RYB	173, 155, 227
Decimal	11377635
CIELab	67.93, 21.55, -34.04
CIELCh	68, 40.289, 302.331
Yxy	37.8730, 0.2703, 0.2391
Android (android.graphics.Color)	4289567715 (0xFFAD9BE3)
YUV	168.5900, 28.7961, 3.8676
Hunter-Lab	61.5410, 16.5030, -31.8046

Details

The YUV color **168.5900, 28.7961, 3.8676** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **213.4100, -28.7961, -3.8676**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8110, 16.8552, 7.1818**, and **116.1230, 27.0544, 2.5231** is the 20% darker color. If you saturate the color by 10%, you get **150.0060, 37.9580, 5.2567**, and if you desaturate by 10%, it is **187.1740, 19.6342, 2.4784**.

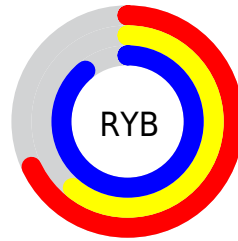
Distribution



Red (68%)

Green (61%)

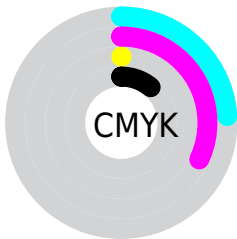
Blue (89%)



Red (68%)

Yellow (61%)

Blue (89%)

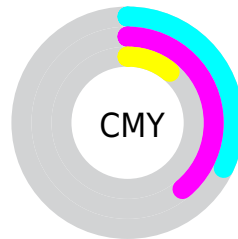


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5900, 28.7961, 3.8676 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 168.5900, 28.7961, 3.8676 by changing the saturation by 10% instead.

■ 168.5900, 28.7961,
3.8676

■ 168.5900, 28.7961,
3.8676

■ 255.0000, 0.0000,
0.0000

■ 142.0630, 28.0699,
3.4527

■ 220.8110, 16.8552,
7.1818

■ 116.1230, 27.0544,
2.5231

■ 245.0210, 4.9196,
8.7516

■ 91.2970, 26.4756,
1.4935

■ 67.3570, 25.4600,
0.5639

■ 44.1180, 24.5918,
-0.9805

■ 21.5690, 23.8765,
-4.8840

■ 5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 168.5900, 28.7961,
3.8676

■ 168.5900, 28.7961,
3.8676

■ 150.0060, 37.9580,
5.2567

■ 187.1740, 19.6342,
2.4784

■ 132.0090, 46.8306,
6.1311

■ 205.1710, 10.7617,
1.6040

■ 113.4250, 55.9925,
7.5203

■ 223.7550, 1.5998,
0.2149

■ 94.8410, 65.1544,
8.9094

■ 242.3390, -7.5621,
-1.1743

■ 76.2570, 74.3163,
10.2986

■ 251.8080,
-12.2303, 2.7994

■ 58.2600, 83.1888,
11.1730

■ 42.9210, 90.7509,
12.3473

Harmonies

Analogous

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



160.1330, 38.3884, -39.5816



168.5900, 28.7961, 3.8676



169.8410, 14.8684, 37.8504

Triad

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



168.5900, 28.7961, 3.8676



165.4360, -31.2739, 44.3446



140.4900, 13.0694, -85.4987

Complementary

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



168.5900, 28.7961, 3.8676



213.4100, -28.7961, -3.8676

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.



152.5650, -10.6315, -43.4685



168.5900, 28.7961, 3.8676



162.3700, -34.6924, 20.7235

Square

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



168.5900, 28.7961, 3.8676



166.8520, -18.6610, 58.8888



158.7190, -27.4695, -9.4006



131.1500, 35.4220, -115.0186

Rectangle

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



168.5900, 28.7961, 3.8676



168.9540, 3.4737, 52.6603



158.7190, -27.4695, -9.4006



145.7110, 4.5795, -69.0295

Sweetspot

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



168.5900, 28.7961, 3.8676



234.6440, 10.0355, 1.1892



194.9060, 15.8223, -34.9976



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.



168.5900, 28.7961, 3.8676



176.2340, 38.8316, 5.0568



179.3540, 23.4895, 25.9995



105.2650, 4.7994, 0.6446



33.8610, 71.5535, 9.7689



9.7010, 20.3604, 2.8932

Inverse Universe

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



182.6840, 12.9738, 38.8651



195.3250, 17.5878, 52.3350



202.6460, -23.4895, -25.9995



107.6140, 2.1623, 6.4775



68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 168.5900, 28.7961, 3.8676 looks on a white background.

Color Contrast Check

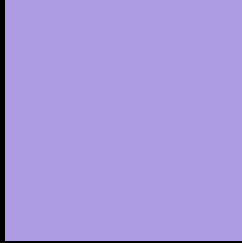
Large Text (above 18pt) WCAG AA × Fail

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 168.5900, 28.7961, 3.8676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

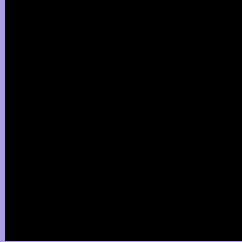
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5900, 28.7961, 3.8676

Background



This preview shows how black text looks on a background with the YUV color 168.5900, 28.7961, 3.8676.



This preview shows how white text looks on a background with the YUV color 168.5900, 28.7961,

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

168.5900, 28.7961, 3.8676

Protanopia

165.2990, 33.3766, -18.6792

Deuteranopia

165.5830, 29.2926, -15.4203



Tritanopia

166.1830, 5.8258, -1.9145

Trichromacy



Original Color

168.5900, 28.7961, 3.8676

Protanomaly

166.5990, 31.7497, -10.1723

Deuteranomaly

166.6270, 29.2709, -8.4429

Tritanomaly

166.7840, 14.4035, 0.1894

Monochromacy



Original Color

168.5900, 28.7961, 3.8676

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7580, 10.4723, 1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5900, 28.7961, 3.8676 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(173, 155, 227)` looks like.

```
.text, #text, p{  
    color:rgb(173, 155, 227)  
}
```

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(173, 155, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 155, 227) }
```

Border

The CSS property to change the border of an element to YUV 168.5900, 28.7961, 3.8676 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(173, 155, 227) }
```


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

```
.border{ border-color:rgb(173, 155, 227) }
```

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

Here you see how a box with a 4 pixel rgb(173, 155, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 155, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 155, 227);  
box-shadow:4px 4px 4px 4px rgb(173, 155,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 168.5900, 28.7961, 3.8676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 155, 227) }
```

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

```
.background{ background-color: rgb(173,  
155, 227) }
```

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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