

Converting Colors

YUV(109.2900, 26.9720,
-17.7943)

Have a look what the booklet for
YUV(109.2900, 26.9720, -17.7943)
contains.

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Color

**YUV(109.2900, 26.9720,
-17.7943)**

Conversions

Conversions Part 1

Format	Color
Hex	596DA4
RGB	89, 109, 164
RGB Percent	35%, 43%, 64%
CMY	0.6510, 0.5725, 0.3569
CMYK	0.46, 0.34, 0.00, 0.36
HSL	224°, 30%, 50%
HSV	224°, 46%, 64%
XYZ	16.2893, 15.7415, 37.3018
YIQ	109.2900, -29.5750, 12.8650

Conversions

Conversions Part 2

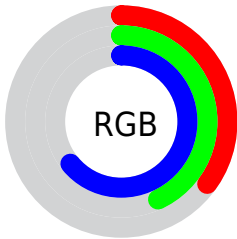
Format	Color
R_{YB}	89, 105, 164
Decimal	5860772
CIE _{Lab}	46.63, 7.76, -31.95
CIE _{LCh}	47, 32.884, 283.649
Yxy	15.7415, 0.2349, 0.2270
Android (android.graphics.Color)	4284050852 (0xFF596DA4)
YUV	109.2900, 26.9720, -17.7943
Hunter-Lab	39.6755, 3.8534, -27.9700

Details

The YUV color **109.2900, 26.9720, -17.7943** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.7100, -26.9720, 17.7943**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3440, 28.4244, -16.9647**, and **59.6270, 25.8199, -21.5979** is the 20% darker color. If you saturate the color by 10%, you get **97.4620, 32.8032, -21.4532**, and if you desaturate by 10%, it is **121.1180, 21.1408, -14.1355**.

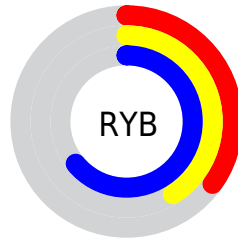
Distribution



Red (35%)

Green (43%)

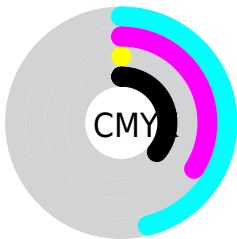
Blue (64%)



Red (35%)

Yellow (41%)

Blue (64%)

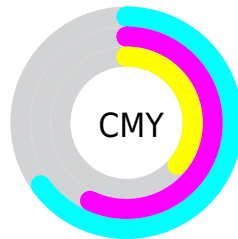


Cyan (46%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2900, 26.9720, -17.7943 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 109.2900, 26.9720, -17.7943 by changing the saturation by 10% instead.

■ 109.2900, 26.9720,
-17.7943

■ 109.2900, 26.9720,
-17.7943

■ 255.0000, 0.0000,
0.0000

■ 84.4640, 26.3932,
-18.8239

■ 161.3440, 28.4244,
-16.9647

■ 59.6270, 25.8199,
-21.5979

■ 188.8710, 29.1506,
-16.5499

■ 33.3980, 26.4258,
-29.2900

■ 214.4770, 19.9778,
-14.4503

■ 18.9220, 21.7305,
-16.5946

■ 239.5840, 7.6001,
-11.0362

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 109.2900, 26.9720,
-17.7943

■ 109.2900, 26.9720,
-17.7943

■ 97.4620, 32.8032,
-21.4532

■ 121.1180, 21.1408,
-14.1355

■ 85.3350, 38.7818,
-25.7268

■ 133.2450, 15.1622,
-9.8619

■ 73.5070, 44.6130,
-29.3856

■ 145.0730, 9.3310,
-6.2030

■ 61.3800, 50.5917,
-33.6593

■ 157.2000, 3.3524,
-1.9294

■ 49.5520, 56.4229,
-37.3181

■ 169.0280, -2.4788,
1.7294

■ 44.5240, 58.9017,
-39.0475

■ 180.8560, -8.3100,
5.3883

■ 192.9830,
-14.2886, 9.6619

■ 204.8110,
-20.1198, 13.3208

■ 216.9380,
-26.0984, 17.5944

Harmonies

Analogous

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



95.6220, 33.2174, -61.0585



109.2900, 26.9720, -17.7943



113.8980, 18.2913, 13.2445

Triad

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



109.2900, 26.9720, -17.7943



110.8560, -18.1700, 41.3453



96.9590, -1.4588, -45.5680

Complementary

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



109.2900, 26.9720, -17.7943



143.7100, -26.9720, 17.7943

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.



103.7210, -17.1175, -16.4183



109.2900, 26.9720, -17.7943



109.4060, -25.8362, 26.8309

Square

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



109.2900, 26.9720, -17.7943



111.6790, -6.2507, 45.0085



106.9860, -25.6291, 7.0283



87.3970, 17.5523, -76.6472

Rectangle

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



109.2900, 26.9720, -17.7943



113.7600, 10.9643, 30.0285



106.9860, -25.6291, 7.0283



99.8310, -7.3117, -34.9318

Sweetspot

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



109.2900, 26.9720, -17.7943



192.1160, 10.7888, -7.1177



139.2950, 2.3196, -44.1087



93.9870, 6.4154, -4.3736



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.2900, 26.9720, -17.7943



128.2360, 42.2817, -28.2710



102.6330, 30.2539, 2.9529



75.7870, 3.0630, -2.4442



39.4230, 52.0495, -34.5740



4.9870, 6.4154, -4.3736

Inverse Universe

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



113.7050, -2.3196, 44.1087



134.9300, -3.4165, 69.3444



150.3670, -30.2539, -2.9529



76.0330, -0.0163, 5.2331



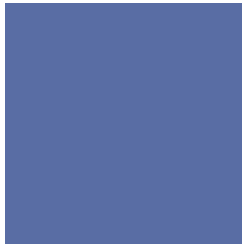
47.8010, -4.3389, 85.2435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 109.2900, 26.9720, -17.7943 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 109.2900, 26.9720, -17.7943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

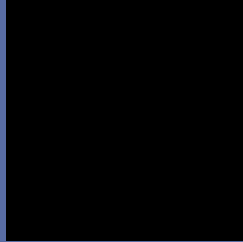
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

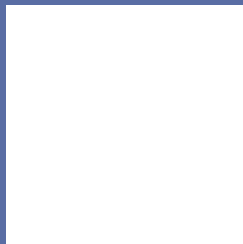
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.2900, 26.9720, -17.7943

Background



This preview shows how black text looks on a background with the YUV color 109.2900, 26.9720, -17.7943.

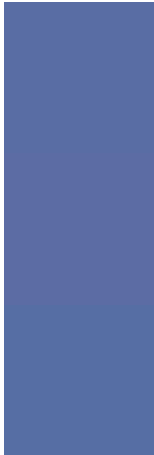


This preview shows how white text looks on a background with the YUV color 109.2900, 26.9720, -17.7943.

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

109.2900, 26.9720, -17.7943

Protanopia

109.6000, 26.8192, -15.4352

Deuteranopia

108.9800, 27.1249, -20.1535



Tritanopia

106.3650, 9.6801, -24.8761

Trichromacy



Original Color

109.2900, 26.9720, -17.7943

Protanomaly

109.3010, 26.9666, -16.0500

Deuteranomaly

109.2790, 26.9775, -19.5387

Tritanomaly

107.3960, 16.0738, -22.2723

Monochromacy



Original Color

109.2900, 26.9720, -17.7943

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2900, 26.9720, -17.7943 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(89, 109, 164)` looks like.

```
.text, #text, p{  
    color:rgb(89, 109, 164)  
}
```

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(89, 109, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 109, 164) }
```

Border

The CSS property to change the border of an element to YUV 109.2900, 26.9720, -17.7943 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(89, 109, 164) }
```


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

```
.border{ border-color:rgb(89, 109, 164) }
```

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

Here you see how a box with a 4 pixel rgb(89, 109, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 109, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 109, 164);  
box-shadow:4px 4px 4px 4px rgb(89, 109,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 109.2900, 26.9720, -17.7943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 109, 164) }
```

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

```
.background{ background-color: rgb(89, 109,  
164) }
```

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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