

Converting Colors

YUV(101.0900, 27.0706,
-2.7099)

Have a look what the booklet for
YUV(101.0900, 27.0706, -2.7099)
contains.

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Color

**YUV(101.0900, 27.0706,
-2.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	625C9C
RGB	98, 92, 156
RGB Percent	38%, 36%, 61%
CMY	0.6157, 0.6392, 0.3882
CMYK	0.37, 0.41, 0.00, 0.39
HSL	246°, 26%, 49%
HSV	246°, 41%, 61%
XYZ	14.8649, 12.6513, 33.1110
YIQ	101.0900, -16.9680, 21.1760

Conversions

Conversions Part 2

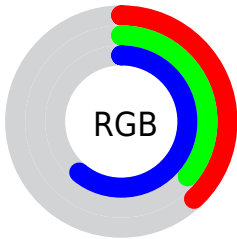
Format	Color
R_{YB}	98, 92, 156
Decimal	6446236
CIE _{Lab}	42.23, 18.38, -34.09
CIE _{LCh}	42, 38.732, 298.335
Yxy	12.6513, 0.2452, 0.2087
Android (android.graphics.Color)	4284636316 (0xFF625C9C)
YUV	101.0900, 27.0706, -2.7099
Hunter-Lab	35.5686, 12.3540, -30.2953

Details

The YUV color **101.0900, 27.0706, -2.7099** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.9100, -27.0706, 2.7099**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5570, 28.8124, -1.3655**, and **52.9110, 25.1869, -5.1839** is the 20% darker color. If you saturate the color by 10%, you get **87.5120, 33.7646, -3.0800**, and if you desaturate by 10%, it is **114.6680, 20.3767, -2.3398**.

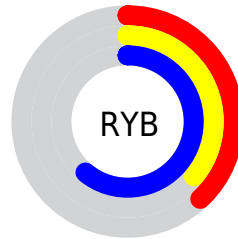
Distribution



Red (38%)

Green (36%)

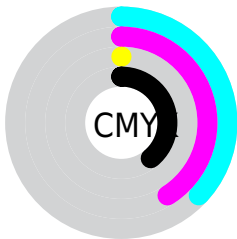
Blue (61%)



Red (38%)

Yellow (36%)

Blue (61%)

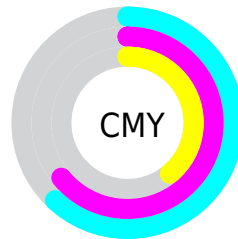


Cyan (37%)

Magenta (41%)

Yellow (0%)

Black (39%)



Cyan (62%)

Magenta (64%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.0900, 27.0706, -2.7099 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 101.0900, 27.0706, -2.7099 by changing the saturation by 10% instead.

■ 101.0900, 27.0706,
-2.7099

■ 101.0900, 27.0706,
-2.7099

■ 255.0000, 0.0000,
0.0000

■ 76.2640, 26.4918,
-3.7395

■ 152.5570, 28.8124,
-1.3655

■ 52.9110, 25.1869,
-5.1839

■ 179.6710, 29.2492,
-1.4655

■ 29.7750, 24.7609,
-8.5727

■ 205.7160, 24.2970,
0.2491

■ 6.4980, 24.8975,
-5.6987

■ 230.8230, 11.9193,
3.6632

■ 5.0500, 14.2723,
-4.4289

■ 253.2390, 0.8682,
1.5444

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 101.0900, 27.0706,
-2.7099

■ 101.0900, 27.0706,
-2.7099

■ 87.5120, 33.7646,
-3.0800

■ 114.6680, 20.3767,
-2.3398

■ 74.5210, 40.1691,
-3.9649

■ 127.6590, 13.9721,
-1.4549

■ 60.9430, 46.8631,
-4.3350

■ 141.2370, 7.2782,
-1.0848

■ 47.6530, 53.4151,
-5.8347

■ 154.5270, 0.7262,
0.4148

■ 34.0750, 60.1090,
-6.2048

■ 168.1050, -5.9678,
0.7849

■ 22.2690, 65.9294,
-6.3749

■ 181.6830,
-12.6617, 1.1550

■ 194.6740,
-19.0663, 2.0399

■ 208.2520,
-25.7602, 2.4100

■ 221.2430,
-32.1648, 3.2949

Harmonies

Analogous

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



85.9090, 38.0059, -56.9252



101.0900, 27.0706, -2.7099



102.6120, 15.4743, 30.1583

Triad

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



101.0900, 27.0706, -2.7099



98.0810, -26.1689, 40.2710



78.5630, 9.0894, -68.8998

Complementary

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



101.0900, 27.0706, -2.7099



146.9100, -27.0706, 2.7099

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.



87.1960, -10.9426, -37.0059



101.0900, 27.0706, -2.7099



96.1680, -31.6348, 20.0237

Square

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



101.0900, 27.0706, -2.7099



99.0620, -13.8346, 50.8116



93.3820, -26.3173, -5.5970



82.2110, 23.0670, -72.0990

Rectangle

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



101.0900, 27.0706, -2.7099



101.2950, 6.2636, 44.4683



93.3820, -26.3173, -5.5970



77.3090, 4.2847, -67.8000

Sweetspot

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



101.0900, 27.0706, -2.7099



183.3340, 10.1883, -1.1699



133.9290, 10.8810, -36.7717



89.8950, 5.9678, -0.7849



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



101.0900, 27.0706, -2.7099



118.0910, 42.3531, -4.4648



110.3590, 22.5010, 16.3482



72.2110, 3.3470, -0.1850



20.1890, 60.5458, -6.3048



2.0090, 6.4046, -0.8849

Inverse Universe

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



117.7480, 15.9002, 33.5470



144.2740, 25.0079, 52.3797



137.6410, -22.5010, -16.3482



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 101.0900, 27.0706, -2.7099 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 101.0900, 27.0706, -2.7099 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 101.0900, 27.0706, -2.7099

Background



This preview shows how black text looks on a background with the YUV color 101.0900, 27.0706, -2.7099.



This preview shows how white text looks on a background with the YUV color 101.0900, 27.0706, -2.7099.

-2.7099.

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

101.0900, 27.0706, -2.7099

Protanopia

98.3050, 30.9086, -20.4385

Deuteranopia

97.4850, 27.8619, -23.2273



Tritanopia

98.4270, 5.7055, -10.0215

Trichromacy



Original Color

101.0900, 27.0706, -2.7099

Protanomaly

99.2950, 29.4346, -14.2907

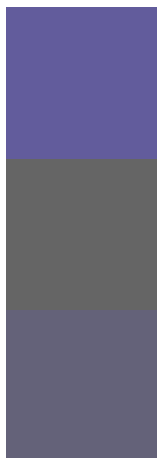
Deuteranomaly

98.8280, 27.6928, -15.6352

Tritanomaly

99.2130, 13.6990, -7.2028

Monochromacy



Original Color

101.0900, 27.0706, -2.7099

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.0900, 27.0706, -2.7099 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(98, 92, 156)` looks like.

```
.text, #text, p{  
    color:rgb(98, 92, 156)  
}
```

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(98, 92, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 92, 156) }
```

Border

The CSS property to change the border of an element to YUV 101.0900, 27.0706, -2.7099 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(98, 92, 156) }
```


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

```
.border{ border-color:rgb(98, 92, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 92, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(98, 92,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 101.0900, 27.0706, -2.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 92, 156) }
```

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

```
.background{ background-color: rgb(98, 92,  
156) }
```

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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