

Converting Colors

YUV(109.2050, 26.0279, 5.0822)

Have a look what the booklet for
YUV(109.2050, 26.0279, 5.0822)
contains.

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Color

**YUV(109.2050, 26.0279,
5.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	7360A2
RGB	115, 96, 162
RGB Percent	45%, 38%, 64%
CMY	0.5490, 0.6235, 0.3647
CMYK	0.29, 0.41, 0.00, 0.36
HSL	257°, 26%, 51%
HSV	257°, 41%, 64%
XYZ	17.7747, 14.6192, 36.0674
YIQ	109.2050, -9.8620, 24.5540

Conversions

Conversions Part 2

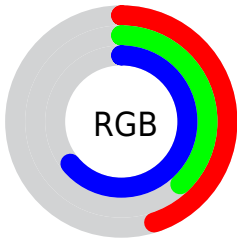
Format	Color
R _{YB}	115, 96, 162
Decimal	7561378
CIE Lab	45.11, 22.53, -33.02
CIE LCh	45, 39.978, 304.305
Yxy	14.6192, 0.2596, 0.2135
Android (android.graphics.Color)	4285751458 (0xFF7360A2)
YUV	109.2050, 26.0279, 5.0822
Hunter-Lab	38.2351, 16.0695, -29.1641

Details

The YUV color **109.2050, 26.0279, 5.0822** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148.7950, -26.0279, -5.0822**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2590, 27.4803, 5.9119**, and **60.4390, 24.4336, 3.1230** is the 20% darker color. If you saturate the color by 10%, you get **96.2250, 32.4271, 5.9417**, and if you desaturate by 10%, it is **122.1850, 19.6288, 4.2228**.

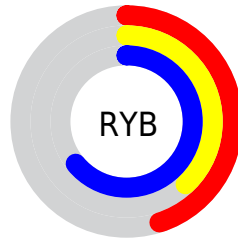
Distribution



Red (45%)

Green (38%)

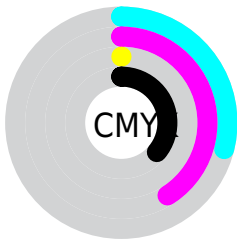
Blue (64%)



Red (45%)

Yellow (38%)

Blue (64%)

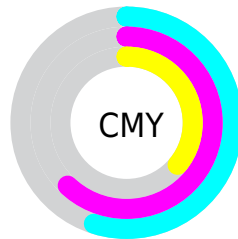


Cyan (29%)

Magenta (41%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2050, 26.0279, 5.0822 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 109.2050, 26.0279, 5.0822 by changing the saturation by 10% instead.

■ 109.2050, 26.0279,
5.0822

■ 109.2050, 26.0279,
5.0822

255.0000, 0.0000,
0.0000

■ 84.3790, 25.4492,
4.0526

■ 161.2590, 27.4803,
5.9119

■ 60.4390, 24.4336,
3.1230

■ 188.1990, 28.4959,
6.8415

■ 38.0860, 23.1286,
1.6786

■ 214.3320, 20.0493,
9.3558

■ 15.0750, 23.1340,
-0.0658

■ 239.4390, 7.6716,
12.7700

■ 5.6200, 16.4563,
-4.9287

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 109.2050, 26.0279,
5.0822

■ 109.2050, 26.0279,
5.0822

■ 96.2250, 32.4271,
5.9417

■ 122.1850, 19.6288,
4.2228

■ 83.5440, 38.6788,
7.4159

■ 134.8660, 13.3771,
2.7485

■ 69.9770, 45.3673,
8.7902

■ 148.4330, 6.6885,
1.3743

■ 57.2960, 51.6191,
10.2644

■ 161.1140, 0.4368,
-0.1000

■ 44.3160, 58.0182,
11.1239

■ 174.0940, -5.9623,
-0.9594

■ 32.5210, 63.8331,
12.6981

■ 186.7750,
-12.2141, -2.4337

■ 199.7550,
-18.6132, -3.2931

■ 213.0230,
-25.1543, -5.2822

■ 226.0030,
-31.5535, -6.1416

Harmonies

Analogous

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



98.9540, 36.5047, -42.0557



109.2050, 26.0279, 5.0822



109.3740, 13.1266, 36.5060

Triad

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



109.2050, 26.0279, 5.0822



104.6740, -28.9263, 37.9969



84.8550, 12.8895, -74.4178

Complementary

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



109.2050, 26.0279, 5.0822



148.7950, -26.0279, -5.0822

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.



90.8680, -6.8369, -47.2422



109.2050, 26.0279, 5.0822



103.2060, -32.6396, 15.6053

Square

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



109.2050, 26.0279, 5.0822



106.1500, -17.3289, 51.6115



99.3920, -24.8433, -11.7448



87.9160, 27.1564, -77.1023

Rectangle

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



109.2050, 26.0279, 5.0822



107.9320, 3.4845, 49.1716



99.3920, -24.8433, -11.7448



83.4870, 7.6479, -73.2181

Sweetspot

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



109.2050, 26.0279, 5.0822



191.3560, 10.1775, 2.3188



131.1130, 15.2273, -30.7941



94.9060, 5.9623, 0.9594



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.



109.2050, 26.0279, 5.0822



128.8260, 41.0048, 8.0456



119.0720, 21.1635, 25.3699



74.9230, 3.4890, 0.9445



29.0880, 57.1446, 11.3238



3.5470, 7.1253, 1.2743

Inverse Universe

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



121.0920, 10.8006, 35.8763



147.5320, 16.9927, 56.5384



138.9280, -21.1635, -25.3699



76.3750, 1.2941, 4.9331



55.2110, 24.0530, 78.7450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 109.2050, 26.0279, 5.0822 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 109.2050, 26.0279, 5.0822 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 109.2050, 26.0279, 5.0822

Background



This preview shows how black text looks on a background with the YUV color 109.2050, 26.0279, 5.0822.

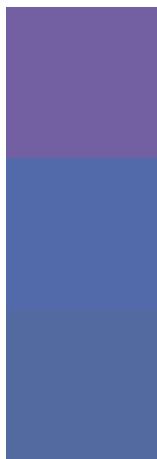


This preview shows how white text looks on a background with the YUV color 109.2050, 26.0279, 5.0822.

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

109.2050, 26.0279, 5.0822

Protanopia

105.5330, 31.7822, -20.6384

Deuteranopia

105.2790, 26.9775, -19.5387



Tritanopia

107.0260, 3.9312, -0.8998

Trichromacy



Original Color

109.2050, 26.0279, 5.0822

Protanomaly

107.0180, 29.5711, -11.4168

Deuteranomaly

106.6330, 26.8029, -10.2021

Tritanomaly

107.5130, 12.0721, 1.3041

Monochromacy



Original Color

109.2050, 26.0279, 5.0822

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8290, 9.4513, 1.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2050, 26.0279, 5.0822 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(115, 96, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 96, 162)  
}
```

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(115, 96, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 96, 162) }
```

Border

The CSS property to change the border of an element to YUV 109.2050, 26.0279, 5.0822 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(115, 96, 162) }
```


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

```
.border{ border-color:rgb(115, 96, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 96, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 96, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 96, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 96,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 109.2050, 26.0279, 5.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 96, 162) }
```

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

```
.background{ background-color: rgb(115, 96,  
162) }
```

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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