

Converting Colors

YUV(106.5260, 25.8697, 9.1857)

Have a look what the booklet for
YUV(106.5260, 25.8697, 9.1857)
contains.

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Color

**YUV(106.5260, 25.8697,
9.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	755B9F
RGB	117, 91, 159
RGB Percent	46%, 36%, 62%
CMY	0.5412, 0.6431, 0.3765
CMYK	0.26, 0.43, 0.00, 0.38
HSL	263°, 27%, 49%
HSV	263°, 43%, 62%
XYZ	17.3352, 13.7673, 34.5446
YIQ	106.5260, -6.3320, 26.6600

Conversions

Conversions Part 2

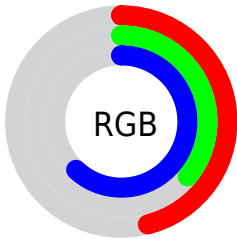
Format	Color
R_{YB}	117, 91, 159
Decimal	7691167
CIE _{Lab}	43.90, 25.37, -33.14
CIE _{LCh}	44, 41.735, 307.444
Yxy	13.7673, 0.2641, 0.2097
Android (android.graphics.Color)	4285881247 (0xFF755B9F)
YUV	106.5260, 25.8697, 9.1857
Hunter-Lab	37.1043, 18.4631, -29.2268

Details

The YUV color **106.5260, 25.8697, 9.1857** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.4740, -25.8697, -9.1857**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8790, 27.1747, 10.6301**, and **57.7600, 24.2753, 7.2265** is the 20% darker color. If you saturate the color by 10%, you get **94.1440, 31.9740, 11.2747**, and if you desaturate by 10%, it is **118.9080, 19.7654, 7.0967**.

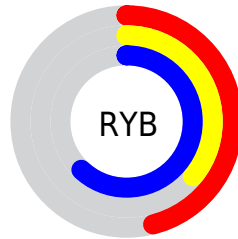
Distribution



Red (46%)

Green (36%)

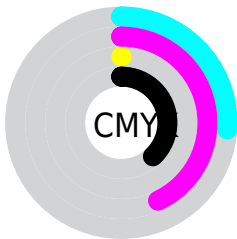
Blue (62%)



Red (46%)

Yellow (36%)

Blue (62%)

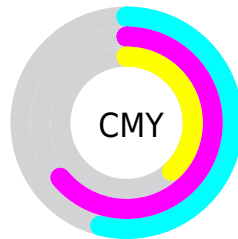


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5260, 25.8697, 9.1857 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 106.5260, 25.8697, 9.1857 by changing the saturation by 10% instead.

■ 106.5260, 25.8697,
9.1857

■ 106.5260, 25.8697,
9.1857

■ 255.0000, 0.0000,
0.0000

■ 81.7000, 25.2909,
8.1561

■ 158.8790, 27.1747,
10.6301

■ 57.7600, 24.2753,
7.2265

■ 185.5200, 28.3376,
10.9450

■ 35.4070, 22.9703,
5.7821

■ 211.4080, 21.4909,
13.6742

■ 12.4070, 22.9703,
5.7821

■ 236.2160, 9.2605,
16.4736

■ 5.3920, 15.5827,
-4.7288

■ 253.2390, 0.8682,
1.5444

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 106.5260, 25.8697,
9.1857

■ 106.5260, 25.8697,
9.1857

■ 94.1440, 31.9740,
11.2747

■ 118.9080, 19.7654,
7.0967

■ 81.7620, 38.0783,
13.3637

■ 131.2900, 13.6610,
5.0077

■ 69.6790, 44.0353,
16.0675

■ 143.3730, 7.7041,
2.3039

■ 57.2970, 50.1396,
18.1565

■ 155.7550, 1.5998,
0.2149

■ 44.9150, 56.2439,
20.2455

■ 168.1370, -4.5045,
-1.8741

■ 36.3650, 60.4591,
21.6049

■ 179.9320,
-10.3195, -3.4484

■ 192.3140,
-16.4238, -5.5374

■ 204.6960,
-22.5281, -7.6264

■ 216.7790,
-28.4850, -10.3302

Harmonies

Analogous

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



96.7910, 37.0780, -39.2817



106.5260, 25.8697, 9.1857



106.4670, 12.0948, 40.8094

Triad

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



106.5260, 25.8697, 9.1857



101.3920, -31.2523, 37.3672



83.7950, 13.9051, -73.4882

Complementary

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



106.5260, 25.8697, 9.1857



143.4740, -25.8697, -9.1857

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.



82.7030, -3.3046, -60.2525



106.5260, 25.8697, 9.1857



99.4400, -34.2339, 13.6461

Square

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



106.5260, 25.8697, 9.1857



102.2920, -19.3710, 53.2409



95.4840, -24.3956, -15.3335



86.9700, 28.6088, -76.2727

Rectangle

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



106.5260, 25.8697, 9.1857



104.4980, 1.7265, 53.0603



95.4840, -24.3956, -15.3335



81.8400, 8.9529, -71.7737

Sweetspot

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



106.5260, 25.8697, 9.1857



186.0680, 10.3195, 3.4484



123.9930, 17.2585, -28.9349



91.7320, 6.5411, 1.9890



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



106.5260, 25.8697, 9.1857



125.0440, 40.4043, 13.9934



116.3930, 21.0053, 29.4733



72.8090, 3.0522, 1.0445



32.7470, 54.3547, 19.5159



3.5040, 5.6675, 2.1890

Inverse Universe

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



116.1200, 8.3218, 37.6058



140.1040, 12.7667, 58.6678



133.6070, -21.0053, -29.4733



73.9620, 1.0047, 4.4183



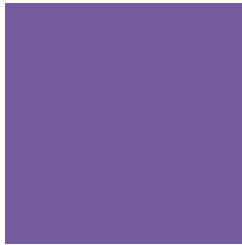
52.7890, 17.3590, 79.1150



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 106.5260, 25.8697, 9.1857 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 106.5260, 25.8697, 9.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

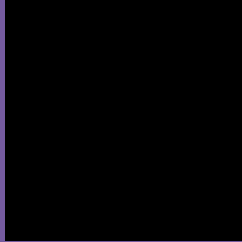
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.5260, 25.8697, 9.1857

Background



This preview shows how black text looks on a background with the YUV color 106.5260, 25.8697, 9.1857.



This preview shows how white text looks on a background with the YUV color 106.5260, 25.8697, 9.1857.

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

106.5260, 25.8697, 9.1857

Protanopia

102.3480, 32.3664, -21.3532

Deuteranopia

101.8660, 26.6881, -20.0535



Tritanopia

104.7060, 2.6099, 2.8888

Trichromacy



Original Color

106.5260, 25.8697, 9.1857

Protanomaly

103.8440, 30.1499, -10.3872

Deuteranomaly

103.8180, 26.2187, -9.4874

Tritanomaly

105.3070, 11.1876, 4.9928

Monochromacy



Original Color

106.5260, 25.8697, 9.1857

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5260, 25.8697, 9.1857 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(117, 91, 159)` looks like.

```
.text, #text, p{  
    color:rgb(117, 91, 159)  
}
```

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(117, 91, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 91, 159) }
```

Border

The CSS property to change the border of an element to YUV 106.5260, 25.8697, 9.1857 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(117, 91, 159) }
```


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

```
.border{ border-color:rgb(117, 91, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 91, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 91, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 91, 159); box-shadow:4px 4px 4px 4px rgb(117, 91, 159) }
```

Background

The CSS property to change the background color of an element to YUV 106.5260, 25.8697, 9.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 91, 159) }
```

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

```
.background{ background-color: rgb(117, 91,  
159) }
```

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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