

Converting Colors

YUV(105.4600, 25.9022,
-1.2804)

Have a look what the booklet for
YUV(105.4600, 25.9022, -1.2804)
contains.

YUV(105.4600, 25.9022, -1.2804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.4600, 25.9022,
-1.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	68609E
RGB	104, 96, 158
RGB Percent	41%, 38%, 62%
CMY	0.5922, 0.6235, 0.3804
CMYK	0.34, 0.39, 0.00, 0.38
HSL	248°, 24%, 50%
HSV	248°, 39%, 62%
XYZ	16.0633, 13.7774, 34.1604
YIQ	105.4600, -15.1340, 20.9780

Conversions

Conversions Part 2

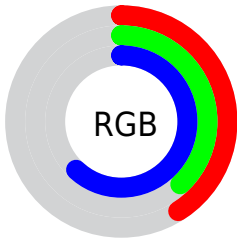
Format	Color
R_{YB}	104, 96, 158
Decimal	6840478
CIE _{Lab}	43.91, 18.20, -32.60
CIE _{LCh}	44, 37.339, 299.171
Yxy	13.7774, 0.2510, 0.2153
Android (android.graphics.Color)	4285030558 (0xFF68609E)
YUV	105.4600, 25.9022, -1.2804
Hunter-Lab	37.1179, 12.2921, -28.5833

Details

The YUV color $105.4600, 25.9022, -1.2804$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $148.5400, -25.9022, 1.2804$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $157.5140, 27.3546, -0.4508$, and $57.2810, 24.0185, -3.7544$ is the 20% darker color. If you saturate the color by 10%, you get $91.8820, 32.5962, -1.6505$, and if you desaturate by 10%, it is $119.0380, 19.2083, -0.9103$.

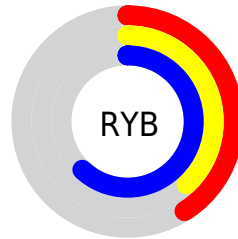
Distribution



Red (41%)

Green (38%)

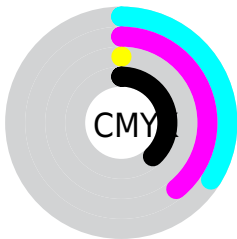
Blue (62%)



Red (41%)

Yellow (38%)

Blue (62%)

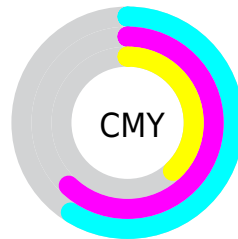


Cyan (34%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.4600, 25.9022, -1.2804 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 105.4600, 25.9022, -1.2804 by changing the saturation by 10% instead.

■ 105.4600, 25.9022,
-1.2804

■ 105.4600, 25.9022,
-1.2804

■ 255.0000, 0.0000,
0.0000

■ 80.9330, 25.1760,
-1.6952

■ 157.5140, 27.3546,
-0.4508

■ 57.2810, 24.0185,
-3.7544

■ 184.0410, 28.0808,
-0.0360

■ 34.7430, 23.2977,
-5.9136

■ 210.7440, 21.8182,
1.9785

■ 10.1450, 23.5925,
-7.1432

■ 235.5520, 9.5879,
4.7779

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 105.4600, 25.9022,
-1.2804

■ 105.4600, 25.9022,
-1.2804

■ 91.8820, 32.5962,
-1.6505

■ 119.0380, 19.2083,
-0.9103

■ 78.3040, 39.2901,
-2.0206

■ 132.6160, 12.5143,
-0.5402

■ 65.6120, 45.5473,
-2.2907

■ 145.3080, 6.2572,
-0.2701

■ 52.0340, 52.2412,
-2.6608

■ 158.8860, -0.4368,
0.1000

■ 38.4560, 58.9352,
-3.0309

■ 172.4640, -7.1308,
0.4701

■ 24.8780, 65.6291,
-3.4010

■ 186.0420,
-13.8247, 0.8402

■ 23.9920, 66.0659,
-3.5010

■ 199.3210,
-20.3713, 0.5955

■ 212.3120,
-26.7758, 1.4804

■ 225.8900,
-33.4698, 1.8505

Harmonies

Analogous

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



93.6930, 35.6474, -47.0888



105.4600, 25.9022, -1.2804



106.9710, 14.3113, 29.8434

Triad

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



105.4600, 25.9022, -1.2804



102.2980, -25.2899, 38.3267



81.4810, 10.1159, -71.4588

Complementary

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



105.4600, 25.9022, -1.2804



148.5400, -25.9022, 1.2804

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.



92.0220, -10.3638, -35.9763



105.4600, 25.9022, -1.2804



100.7980, -30.4664, 18.5942

Square

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



105.4600, 25.9022, -1.2804



103.3500, -13.9765, 49.6821



97.7240, -25.0069, -5.8969



85.0150, 23.6566, -74.5582

Rectangle

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



105.4600, 25.9022, -1.2804



105.3550, 5.2480, 43.5387



97.7240, -25.0069, -5.8969



80.2270, 5.3111, -70.3591

Sweetspot

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



105.4600, 25.9022, -1.2804



185.7470, 10.4777, -0.6551



135.3530, 11.1650, -34.5126



92.3080, 6.2572, -0.2701



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.



105.4600, 25.9022, -1.2804



124.0590, 40.8899, -1.8057



114.4300, 21.4800, 17.1629



72.2110, 3.3470, -0.1850



21.6840, 59.8088, -3.2309



2.3080, 6.2572, -0.2701

Inverse Universe

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



120.6940, 14.4479, 32.7174



147.9920, 22.6819, 51.7500



139.5700, -21.4800, -17.1629



74.1900, 1.8783, 4.2184



56.8930, 33.0838, 75.5158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 105.4600, 25.9022, -1.2804 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 105.4600, 25.9022, -1.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

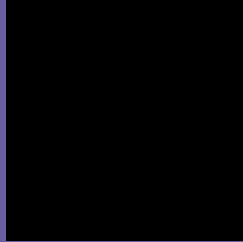
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.4600, 25.9022, -1.2804

Background



This preview shows how black text looks on a background with the YUV color 105.4600, 25.9022, -1.2804.



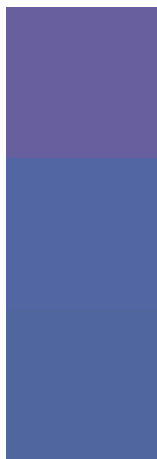
This preview shows how white text looks on a background with the YUV color 105.4600, 25.9022, -1.2804.

-1.2804.

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

105.4600, 25.9022, -1.2804

Protanopia

102.6750, 29.7402, -19.0090

Deuteranopia

101.8660, 26.6881, -20.0535



Tritanopia

102.7370, 5.5527, -7.6623

Trichromacy



Original Color

105.4600, 25.9022, -1.2804

Protanomaly

103.6650, 28.2662, -12.8612

Deuteranomaly

102.9100, 26.6664, -13.0761

Tritanomaly

103.9960, 12.8200, -5.2585

Monochromacy



Original Color

105.4600, 25.9022, -1.2804

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.4050, 9.1673, -0.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.4600, 25.9022, -1.2804 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(104, 96, 158)` looks like.

```
.text, #text, p{  
    color:rgb(104, 96, 158)  
}
```

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(104, 96, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 96, 158) }
```

Border

The CSS property to change the border of an element to YUV 105.4600, 25.9022, -1.2804 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(104, 96, 158) }
```


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

```
.border{ border-color:rgb(104, 96, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 96, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 96, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 96, 158);  
box-shadow:4px 4px 4px 4px rgb(104, 96,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 105.4600, 25.9022, -1.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 96, 158) }
```

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

```
.background{ background-color: rgb(104, 96,  
158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor