

Converting Colors

YUV(107.5420, 15.0158,
37.2357)

Have a look what the booklet for
YUV(107.5420, 15.0158, 37.2357)
contains.

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Color

**YUV(107.5420, 15.0158,
37.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	96508A
RGB	150, 80, 138
RGB Percent	59%, 31%, 54%
CMY	0.4118, 0.6863, 0.4588
CMYK	0.00, 0.47, 0.08, 0.41
HSL	310°, 30%, 45%
HSV	310°, 47%, 59%
XYZ	20.0338, 14.0563, 25.7020
YIQ	107.5420, 23.1020, 32.8780

Conversions

Conversions Part 2

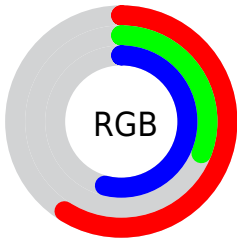
Format	Color
R_{YB}	150, 80, 138
Decimal	9851018
CIE _{Lab}	44.31, 37.59, -19.61
CIE _{LCh}	44, 42.400, 332.444
Yxy	14.0563, 0.3351, 0.2351
Android (android.graphics.Color)	4288041098 (0xFF96508A)
YUV	107.5420, 15.0158, 37.2357
Hunter-Lab	37.4918, 29.7711, -14.4013

Details

The YUV color **107.5420, 15.0158, 37.2357** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.4580, -15.0158, -37.2357**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3790, 15.5892, 40.0096**, and **56.6450, 15.4580, 35.3913** is the 20% darker color. If you saturate the color by 10%, you get **98.3950, 18.0463, 45.2576**, and if you desaturate by 10%, it is **116.6890, 11.9853, 29.2137**.

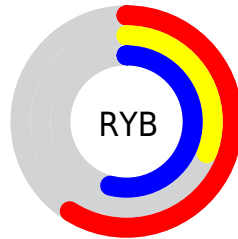
Distribution



Red (59%)

Green (31%)

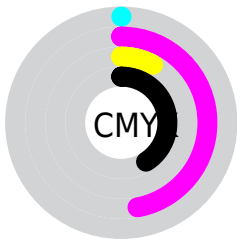
Blue (54%)



Red (59%)

Yellow (31%)

Blue (54%)

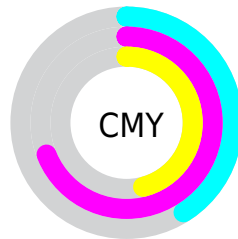


Cyan (0%)

Magenta (47%)

Yellow (8%)

Black (41%)



Cyan (41%)

Magenta (69%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.5420, 15.0158, 37.2357 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 107.5420, 15.0158, 37.2357 by changing the saturation by 10% instead.

■ 107.5420, 15.0158,
37.2357

■ 107.5420, 15.0158,
37.2357

■ 255.0000, 0.0000,
0.0000

■ 81.8300, 14.8738,
36.1061

■ 160.3790, 15.5892,
40.0096

■ 56.6450, 15.4580,
35.3913

■ 187.6780, 15.4417,
40.6244

■ 29.9980, 16.7630,
36.8358

■ 213.6990, 16.9104,
36.2210

■ 19.1400, 11.2700,
25.3102

■ 230.9330, 11.8650,
21.1068

■ 8.3740, 6.2246,
10.1960

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

■ 107.5420, 15.0158,
37.2357

■ 107.5420, 15.0158,
37.2357

■ 98.3950, 18.0463,
45.2576

■ 116.6890, 11.9853,
29.2137

■ 89.3620, 21.5135,
53.1795

■ 125.7220, 8.5181,
21.2918

■ 80.2150, 24.5440,
61.2014

■ 134.8690, 5.4876,
13.2699

■ 71.1820, 28.0113,
69.1234

■ 143.9020, 2.0203,
5.3479

■ 62.0350, 31.0417,
77.1453

■ 153.0490, -1.0102,
-2.6740

■ 58.9860, 32.0519,
79.8193

■ 162.0820, -4.4774,
-10.5959

■ 171.2290, -7.5079,
-18.6178

■ 180.3760,

-10.5384, -26.6398

 189.4090,
-14.0056, -34.5617

Harmonies

Analogous

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



106.7640, 28.2173, 2.8380



107.5420, 15.0158, 37.2357



104.8250, -0.8997, 55.4045

Triad

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



107.5420, 15.0158, 37.2357



100.5330, -35.2658, 17.9496



87.2150, 27.0090, -76.4876

Complementary

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



107.5420, 15.0158, 37.2357



122.4580, -15.0158, -37.2357

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.



83.8120, 11.4317, -73.5031



107.5420, 15.0158, 37.2357



97.0070, -27.6115, -10.5301

Square

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



107.5420, 15.0158, 37.2357



102.7560, -29.9527, 40.5560



87.5150, -8.1419, -48.6867



87.7170, 39.0865, -76.9278

Rectangle

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



107.5420, 15.0158, 37.2357



103.6760, -11.6723, 57.2891



87.5150, -8.1419, -48.6867



86.5480, 21.9148, -75.9026

Sweetspot

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



107.5420, 15.0158, 37.2357



177.5810, 5.6296, 14.3995



91.5680, 28.8070, 0.3789



86.6790, 3.6093, 9.0515



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



107.5420, 15.0158, 37.2357



127.8510, 23.2445, 58.0127



103.5520, -0.2721, 40.7349



69.7770, 1.5889, 3.7036



54.2580, 29.4528, 73.4417



3.9020, 2.0203, 5.3479

Inverse Universe

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



107.5420, 15.0158, 37.2357



127.8510, 23.2445, 58.0127



126.4480, 0.2721, -40.7349



69.7770, 1.5889, 3.7036



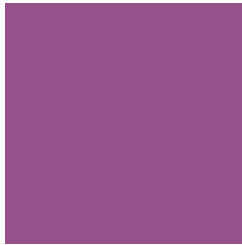
54.2580, 29.4528, 73.4417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 107.5420, 15.0158, 37.2357 looks on a white background.

Color Contrast Check

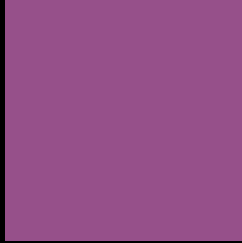
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.5420, 15.0158, 37.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

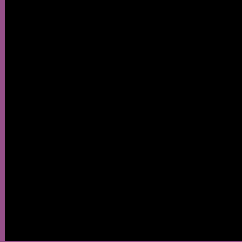
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.5420, 15.0158, 37.2357

Background



This preview shows how black text looks on a background with the YUV color 107.5420, 15.0158, 37.2357.



This preview shows how white text looks on a background with the YUV color 107.5420, 15.0158,

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

107.5420, 15.0158, 37.2357

Protanopia

104.8450, 25.2194, -15.6501

Deuteranopia

105.6370, 13.9830, -4.9436



Tritanopia

106.5420, -5.1972, 33.7277

Trichromacy



Original Color

107.5420, 15.0158, 37.2357

Protanomaly

105.6410, 21.3760, 3.8228

Deuteranomaly

106.4370, 14.0816, 10.1408

Tritanomaly

107.0890, 1.9281, 35.0019

Monochromacy



Original Color

107.5420, 15.0158, 37.2357

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.5420, 15.0158, 37.2357 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(150, 80, 138)` looks like.

```
.text, #text, p{  
    color:rgb(150, 80, 138)  
}
```

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(150, 80, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 80, 138) }
```

Border

The CSS property to change the border of an element to YUV 107.5420, 15.0158, 37.2357 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(150, 80, 138) }
```


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

```
.border{ border-color:rgb(150, 80, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 80, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 80, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 80, 138);  
box-shadow:4px 4px 4px 4px rgb(150, 80,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 107.5420, 15.0158, 37.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 80, 138) }
```

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

```
.background{ background-color: rgb(150, 80,  
138) }
```

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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