

Converting Colors

YUV(109.1320, 16.6969,
11.2852)

Have a look what the booklet for
YUV(109.1320, 16.6969, 11.2852)
contains.

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Color

**YUV(109.1320, 16.6969,
11.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	7A608F
RGB	122, 96, 143
RGB Percent	48%, 38%, 56%
CMY	0.5216, 0.6235, 0.4392
CMYK	0.15, 0.33, 0.00, 0.44
HSL	273°, 20%, 47%
HSV	273°, 33%, 56%
XYZ	17.1668, 14.4865, 27.8780
YIQ	109.1320, 0.4090, 20.1290

Conversions

Conversions Part 2

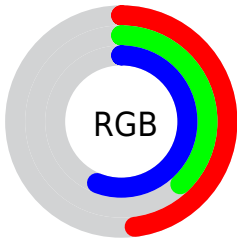
Format	Color
R_{YB}	122, 96, 143
Decimal	8020111
CIE _{Lab}	44.92, 20.03, -21.96
CIE _{LCh}	45, 29.725, 312.375
Yxy	14.4865, 0.2884, 0.2433
Android (android.graphics.Color)	4286210191 (0xFF7A608F)
YUV	109.1320, 16.6969, 11.2852
Hunter-Lab	38.0611, 13.9025, -16.7844

Details

The YUV color $109.1320, 16.6969, 11.2852$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $129.8680, -16.6969, -11.2852$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.0720, 17.7125, 12.2149$, and $60.7790, 15.3920, 9.8408$ is the 20% darker color. If you saturate the color by 10%, you get $99.1200, 21.6328, 14.8038$, and if you desaturate by 10%, it is $119.1440, 11.7610, 7.7667$.

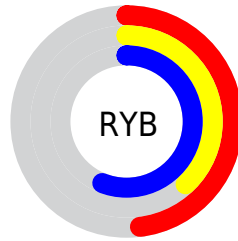
Distribution



Red (48%)

Green (38%)

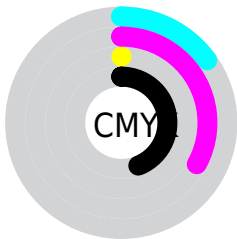
Blue (56%)



Red (48%)

Yellow (38%)

Blue (56%)

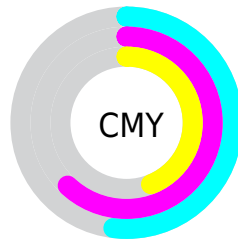


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1320, 16.6969, 11.2852 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 109.1320, 16.6969, 11.2852 by changing the saturation by 10% instead.

■ 109.1320, 16.6969,
11.2852

■ 109.1320, 16.6969,
11.2852

■ 255.0000, 0.0000,
0.0000

■ 84.6050, 15.9707,
10.8704

■ 161.0720, 17.7125,
12.2149

■ 60.7790, 15.3920,
9.8408

■ 187.8980, 18.2913,
13.2445

■ 38.9530, 14.8132,
8.8112

■ 216.0120, 18.7281,
13.1445

■ 16.5510, 14.5184,
10.0408

■ 239.7380, 7.5242,
13.3848

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

109.1320, 16.6969,
11.2852

109.1320, 16.6969,
11.2852

99.1200, 21.6328,
14.8038

119.1440, 11.7610,
7.7667

88.2220, 27.0056,
18.2223

130.0420, 6.3883,
4.3482

78.2100, 31.9415,
21.7408

140.0540, 1.4524,
0.8296

67.8990, 37.0248,
24.6446

150.3650, -3.6309,
-2.0741

57.8870, 41.9607,
28.1631

160.9640, -8.8563,
-6.1074

47.2880, 47.1860,
32.1964


170.9760,
-13.7922, -9.6260

39.9230, 50.8170,
34.2705

181.2870,
-18.8755, -12.5297

191.2990,

-23.8114, -16.0482

 202.1970,
-29.1841, -19.4668

Harmonies

Analogous

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



104.9050, 24.2038, -16.5797



109.1320, 16.6969, 11.2852



108.9190, 6.4489, 31.6430

Triad

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



109.1320, 16.6969, 11.2852



105.7910, -23.0680, 25.6163



83.0770, 16.2310, -72.8585

Complementary

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



109.1320, 16.6969, 11.2852



129.8680, -16.6969, -11.2852

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.



95.0740, -2.5015, -37.7759



109.1320, 16.6969, 11.2852



103.3820, -22.8663, 7.5580

Square

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



109.1320, 16.6969, 11.2852



106.7030, -16.1226, 37.9715



100.1990, -15.3811, -13.3295



85.1120, 26.5668, -74.6432

Rectangle

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



109.1320, 16.6969, 11.2852



108.1990, -1.5771, 39.2905



100.1990, -15.3811, -13.3295



88.0310, 9.3517, -59.6632

Sweetspot

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



109.1320, 16.6969, 11.2852



173.0420, 6.3883, 4.3482



113.6850, 14.4523, -15.5097



86.0480, 3.9203, 2.5889



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.1320, 16.6969, 11.2852



134.1680, 25.5532, 17.3927



115.1830, 12.7278, 24.3955



65.9940, 2.4680, 1.7593



37.8150, 47.9122, 32.6112



2.1080, 2.9048, 1.6593

Inverse Universe

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



112.4470, 2.2446, 26.7950



139.1760, 3.3642, 41.0646



123.8170, -12.7278, -24.3955



66.4350, 0.2785, 4.0035



47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 109.1320, 16.6969, 11.2852 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 109.1320, 16.6969, 11.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

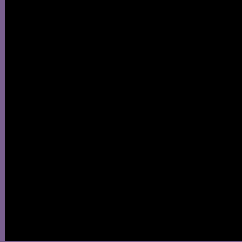
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1320, 16.6969, 11.2852

Background



This preview shows how black text looks on a background with the YUV color 109.1320, 16.6969, 11.2852.



This preview shows how white text looks on a background with the YUV color 109.1320, 16.6969,

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

109.1320, 16.6969, 11.2852

Protanopia

106.5420, 21.4248, -11.8763

Deuteranopia

107.0110, 16.7566, -7.9026



Tritanopia

107.3970, 1.2833, 8.4218

Trichromacy



Original Color

109.1320, 16.6969, 11.2852

Protanomaly

107.7280, 19.3611, -3.2695

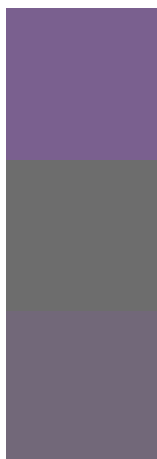
Deuteranomaly

108.0550, 16.7349, -0.9252

Tritanomaly

108.1890, 6.8088, 9.4812

Monochromacy



Original Color

109.1320, 16.6969, 11.2852

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1320, 16.6969, 11.2852 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(122, 96, 143)` looks like.

```
.text, #text, p{  
    color:rgb(122, 96, 143)  
}
```

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(122, 96, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 96, 143) }
```

Border

The CSS property to change the border of an element to YUV 109.1320, 16.6969, 11.2852 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(122, 96, 143) }
```


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

```
.border{ border-color:rgb(122, 96, 143) }
```

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

Here you see how a box with a 4 pixel rgb(122, 96, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 96, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 96, 143);  
box-shadow:4px 4px 4px 4px rgb(122, 96,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 109.1320, 16.6969, 11.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 96, 143) }
```

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

```
.background{ background-color: rgb(122, 96,  
143) }
```

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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