

Converting Colors

YUV(111.7080, 12.9620,
-4.1289)

Have a look what the booklet for
YUV(111.7080, 12.9620, -4.1289)
contains.

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Color

**YUV(111.7080, 12.9620,
-4.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6D8A
RGB	107, 109, 138
RGB Percent	42%, 43%, 54%
CMY	0.5804, 0.5725, 0.4588
CMYK	0.22, 0.21, 0.00, 0.46
HSL	236°, 13%, 48%
HSV	236°, 22%, 54%
XYZ	16.1195, 15.8981, 26.2638
YIQ	111.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

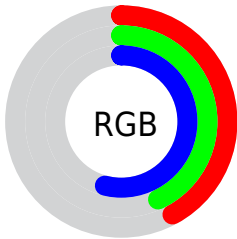
Format	Color
R_{YB}	107, 109, 138
Decimal	7040394
CIE _{Lab}	46.84, 5.90, -16.15
CIE _{LCh}	47, 17.196, 290.062
Yxy	15.8981, 0.2766, 0.2728
Android (android.graphics.Color)	4285230474 (0xFF6B6D8A)
YUV	111.7080, 12.9620, -4.1289
Hunter-Lab	39.8724, 2.3868, -11.1435

Details

The YUV color **111.7080, 12.9620, -4.1289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133.2920, -12.9620, 4.1289**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2350, 13.6881, -3.7141**, and **64.0670, 11.7990, -4.4438** is the 20% darker color. If you saturate the color by 10%, you get **99.8910, 18.7877, -6.0434**, and if you desaturate by 10%, it is **123.5250, 7.1362, -2.2144**.

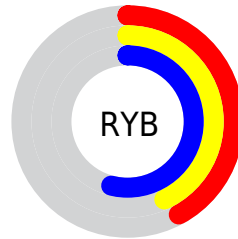
Distribution



Red (42%)

Green (43%)

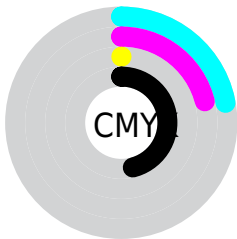
Blue (54%)



Red (42%)

Yellow (43%)

Blue (54%)

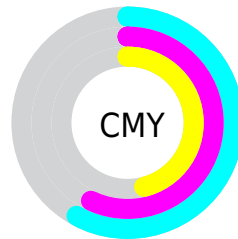


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7080, 12.9620, -4.1289 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 111.7080, 12.9620, -4.1289 by changing the saturation by 10% instead.

■ 111.7080, 12.9620,
-4.1289

■ 111.7080, 12.9620,
-4.1289

■ 255.0000, 0.0000,
0.0000

■ 87.2950, 12.6726,
-4.6437

■ 163.2350, 13.6881,
-3.7141

■ 64.0670, 11.7990,
-4.4438

■ 190.3490, 14.1249,
-3.8141

■ 41.6540, 11.5096,
-4.9586

■ 218.4630, 14.5617,
-3.9141

■ 21.0130, 10.3466,
-5.2734

■ 244.6560, 5.0996,
-2.3293

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 111.7080, 12.9620,
-4.1289

■ 111.7080, 12.9620,
-4.1289

■ 99.8910, 18.7877,
-6.0434

■ 123.5250, 7.1362,
-2.2144

■ 88.0740, 24.6135,
-7.9579

■ 135.3420, 1.3104,
-0.2999

■ 76.5560, 30.2919,
-9.2576

■ 146.8600, -4.3680,
0.9998

■ 64.7390, 36.1177,
-11.1721

■ 158.6770,
-10.1938, 2.9143

■ 52.9220, 41.9435,
-13.0866

■ 170.4940,
-16.0195, 4.8288

■ 41.6920, 47.4798,
-15.5159

■ 181.7240,
-21.5559, 7.2581

■ 29.8750, 53.3056,
-17.4304


■ 193.5410,
-27.3817, 9.1725

■ 21.0150, 57.6736,

■ 205.0590,

-18.4302

-33.0601, 10.4723

 216.8760,
-38.8859, 12.3867

Harmonies

Analogous

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



108.7770, 14.8999, -19.0984



111.7080, 12.9620, -4.1289



113.2430, 8.2612, 10.3109

Triad

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



111.7080, 12.9620, -4.1289



112.1570, -11.4164, 21.7873



105.8570, 0.0705, -22.6766

Complementary

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



111.7080, 12.9620, -4.1289



133.2920, -12.9620, 4.1289

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.



107.5720, -7.6770, -11.0256



111.7080, 12.9620, -4.1289



110.5320, -13.5733, 13.5654

Square

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



111.7080, 12.9620, -4.1289



113.0740, -5.4595, 24.4911



109.3950, -12.5197, 2.2846



104.4630, 7.6597, -30.2241

Rectangle

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



111.7080, 12.9620, -4.1289



113.7340, 3.5821, 17.7733



109.3950, -12.5197, 2.2846



105.8960, -2.4137, -19.2028

Sweetspot

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



111.7080, 12.9620, -4.1289



168.0690, 5.3890, -1.8145



128.5030, 3.6960, -18.8581



83.3850, 2.7682, -1.2146



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



111.7080, 12.9620, -4.1289



137.3470, 20.5349, -6.4433



114.4210, 11.6244, 4.8928



62.7980, 3.0576, -0.6998



20.4450, 55.4896, -17.9303



0.5700, 2.1840, -0.4999

Inverse Universe

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



116.4970, -3.6960, 18.8581



144.9930, -5.9125, 29.8241



130.5790, -11.6244, -4.8928



64.0930, -1.0318, 4.3034



40.7930, -15.6739, 80.8655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 111.7080, 12.9620, -4.1289 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 111.7080, 12.9620, -4.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

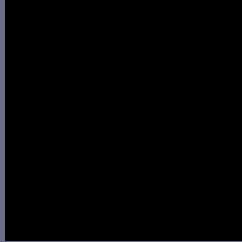
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7080, 12.9620, -4.1289

Background



This preview shows how black text looks on a background with the YUV color 111.7080, 12.9620, -4.1289.



This preview shows how white text looks on a background with the YUV color 111.7080, 12.9620, -4.1289.

-4.1289.

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

111.7080, 12.9620, -4.1289

Protanopia

111.5120, 13.5516, -6.5880

Deuteranopia

112.0070, 12.8145, -3.5141



Tritanopia

110.6340, 5.1104, -5.8180

Trichromacy



Original Color

111.7080, 12.9620, -4.1289

Protanomaly

111.8110, 13.4042, -5.9732

Deuteranomaly

112.0070, 12.8145, -3.5141

Tritanomaly

111.0300, 7.8732, -5.2883

Monochromacy



Original Color

111.7080, 12.9620, -4.1289

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7080, 12.9620, -4.1289 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(107, 109, 138)` looks like.

```
.text, #text, p{  
    color:rgb(107, 109, 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(107, 109, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 109, 138) }
```

Border

The CSS property to change the border of an element to YUV 111.7080, 12.9620, -4.1289 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(107, 109, 138) }
```


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

```
.border{ border-color:rgb(107, 109, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 109, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 109, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 109, 138);  
box-shadow:4px 4px 4px 4px rgb(107, 109,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 111.7080, 12.9620, -4.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 109, 138) }
```

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

```
.background{ background-color: rgb(107,  
109, 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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