

Converting Colors

YUV(119.2470, 12.2032, 5.9224)

Have a look what the booklet for
YUV(119.2470, 12.2032, 5.9224)
contains.

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Color

**YUV(119.2470, 12.2032,
5.9224)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6F90
RGB	126, 111, 144
RGB Percent	49%, 44%, 56%
CMY	0.5059, 0.5647, 0.4353
CMYK	0.12, 0.23, 0.00, 0.44
HSL	267°, 13%, 50%
HSV	267°, 23%, 56%
XYZ	19.3227, 17.8181, 28.8064
YIQ	119.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

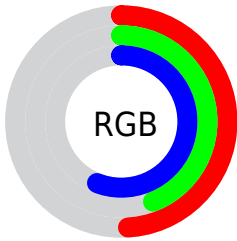
Format	Color
R_{YB}	126, 111, 144
Decimal	8286096
CIE _{Lab}	49.27, 12.64, -15.85
CIE _{LCh}	49, 20.274, 308.578
Yxy	17.8181, 0.2930, 0.2702
Android (android.graphics.Color)	4286476176 (0xFF7E6F90)
YUV	119.2470, 12.2032, 5.9224
Hunter-Lab	42.2115, 7.8397, -10.9132

Details

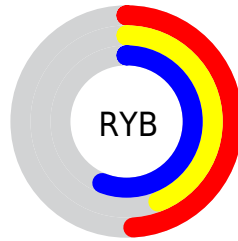
The YUV color $[119.2470, 12.2032, 5.9224]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[135.7530, -12.2032, -5.9224]$, and the grayscale version is $[119.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[171.7740, 12.9294, 6.3372]$, and $[70.7200, 11.4770, 5.5076]$ is the 20% darker color. If you saturate the color by 10%, you get $[108.6370, 17.4340, 8.2114]$, and if you desaturate by 10%, it is $[129.8570, 6.9725, 3.6334]$.

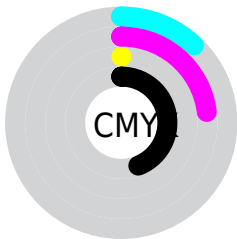
Distribution



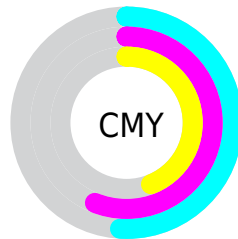
- Red (49%)
- Green (44%)
- Blue (56%)



- Red (49%)
- Yellow (44%)
- Blue (56%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2470, 12.2032, 5.9224 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 119.2470, 12.2032, 5.9224 by changing the saturation by 10% instead.

■ 119.2470, 12.2032,
5.9224

■ 119.2470, 12.2032,
5.9224

■ 255.0000, 0.0000,
0.0000

■ 94.7200, 11.4770,
5.5076

■ 171.7740, 12.9294,
6.3372

■ 70.7200, 11.4770,
5.5076

■ 199.1870, 13.2188,
6.8520

■ 48.1930, 10.7509,
5.0927

■ 227.3010, 13.6556,
6.7520

■ 27.2530, 9.7353,
4.1631

■ 249.7170, 2.6045,
4.6332

■ 5.4700, 10.6143,
2.2188

■ 0.0000, 0.0000,
0.0000

■ 119.2470, 12.2032,
5.9224

■ 119.2470, 12.2032,
5.9224

■ 108.6370, 17.4340,
8.2114

■ 129.8570, 6.9725,
3.6334

■ 97.4400, 22.9541,
11.0151

■ 141.0540, 1.4524,
0.8296

■ 86.8300, 28.1848,
13.3041

■ 151.6640, -3.7784,
-1.4593

■ 75.9320, 33.5575,
16.7226

■ 162.5620, -9.1511,
-4.8779

■ 65.3220, 38.7883,
19.0116

■ 173.1720,
-14.3818, -7.1668

■ 54.7120, 44.0190,
21.3006

■ 183.7820,
-19.6125, -9.4558

■ 43.5150, 49.5391,
24.1043


■ 194.9790,
-25.1326, -12.2596

■ 35.8510, 53.3175,

■ 205.5890,

25.5637

-30.3634, -14.5486

 216.7860,
-35.8835, -17.3523

Harmonies

Analogous

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



116.6900, 16.9148, -12.0061



119.2470, 12.2032, 5.9224



119.7990, 5.0291, 20.3473

Triad

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



119.2470, 12.2032, 5.9224



117.4080, -15.4841, 19.8132



109.3870, 6.2182, -34.5424

Complementary

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



119.2470, 12.2032, 5.9224



135.7530, -12.2032, -5.9224

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.



111.5320, -3.7133, -22.3916



119.2470, 12.2032, 5.9224



116.1030, -16.3198, 7.8027

Square

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



119.2470, 12.2032, 5.9224



118.6030, -11.1433, 27.5352



114.1550, -11.9084, -7.1519



109.4280, 14.0860, -38.0864

Rectangle

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



119.2470, 12.2032, 5.9224



120.0510, -0.5181, 26.2653



114.1550, -11.9084, -7.1519



109.8990, 3.0078, -31.4834

Sweetspot

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



119.2470, 12.2032, 5.9224



176.2760, 4.7939, 2.3889



125.3280, 9.2053, -12.5657



88.6950, 2.6154, 1.1445



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.



119.2470, 12.2032, 5.9224



147.1040, 19.1757, 9.5558



124.0310, 9.8447, 15.7588



65.9940, 2.4680, 1.7593



33.6290, 49.9759, 24.0044



1.8090, 3.0522, 1.0445

Inverse Universe

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



122.9190, 2.9979, 18.4880



152.7400, 4.5652, 29.1690



130.9690, -9.8447, -15.7588



66.5490, 0.7153, 3.9035



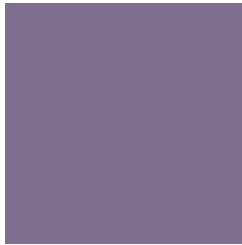
48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 119.2470, 12.2032, 5.9224 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 119.2470, 12.2032, 5.9224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

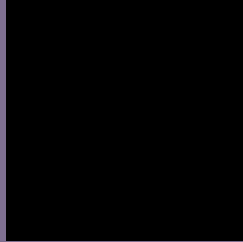
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.2470, 12.2032, 5.9224 Background



This preview shows how black text looks on a background with the YUV color 119.2470, 12.2032, 5.9224.



This preview shows how white text looks on a background with the YUV color 119.2470, 12.2032,

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

119.2470, 12.2032, 5.9224

Protanopia

117.4410, 14.5726, -7.4028

Deuteranopia

118.1920, 12.2303, -2.7994



Tritanopia

118.4180, 2.7519, 4.0184

Trichromacy



Original Color

119.2470, 12.2032, 5.9224

Protanomaly

117.9470, 13.8301, -2.5845

Deuteranomaly

118.8010, 11.9301, 0.1745

Tritanomaly

118.9280, 5.9515, 4.4481

Monochromacy



Original Color

119.2470, 12.2032, 5.9224

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2470, 12.2032, 5.9224 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(126, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 111, 144)  
}
```

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(126, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 111, 144) }
```

Border

The CSS property to change the border of an element to YUV 119.2470, 12.2032, 5.9224 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(126, 111, 144) }
```


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

```
.border{ border-color:rgb(126, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 111,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 119.2470, 12.2032, 5.9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 111, 144) }
```

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

```
.background{ background-color: rgb(126,  
111, 144) }
```

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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