

Converting Colors

YUV(116.2470, 12.2032, 5.9224)

Have a look what the booklet for
YUV(116.2470, 12.2032, 5.9224)
contains.

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Color

**YUV(116.2470, 12.2032,
5.9224)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6C8D
RGB	123, 108, 141
RGB Percent	48%, 42%, 55%
CMY	0.5176, 0.5765, 0.4471
CMYK	0.13, 0.23, 0.00, 0.45
HSL	267°, 13%, 49%
HSV	267°, 23%, 55%
XYZ	18.3387, 16.8592, 27.4869
YIQ	116.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

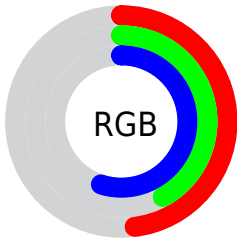
Format	Color
R_{YB}	123, 108, 141
Decimal	8088717
CIE _{Lab}	48.08, 12.71, -15.92
CIE _{LCh}	48, 20.365, 308.602
Yxy	16.8592, 0.2926, 0.2690
Android (android.graphics.Color)	4286278797 (0xFF7B6C8D)
YUV	116.2470, 12.2032, 5.9224
Hunter-Lab	41.0599, 7.8689, -10.9488

Details

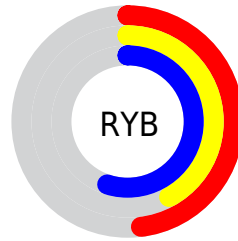
The YUV color $[116.2470, 12.2032, 5.9224]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[132.7530, -12.2032, -5.9224]$, and the grayscale version is $[116.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[168.1870, 13.2188, 6.8520]$, and $[68.3070, 11.1876, 4.9928]$ is the 20% darker color. If you saturate the color by 10%, you get $[105.6370, 17.4340, 8.2114]$, and if you desaturate by 10%, it is $[126.8570, 6.9725, 3.6334]$.

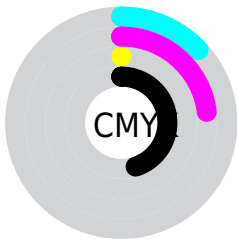
Distribution



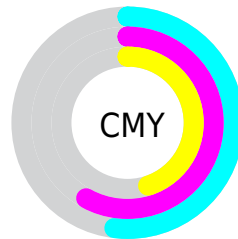
- Red (48%)
- Green (42%)
- Blue (55%)



- Red (48%)
- Yellow (42%)
- Blue (55%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2470, 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 116.2470, 12.2032, 5.9224 by changing the saturation by 10% instead.

■ 116.2470, 12.2032,
5.9224

■ 116.2470, 12.2032,
5.9224

■ 255.0000, 0.0000,
0.0000

■ 91.7200, 11.4770,
5.5076

■ 168.1870, 13.2188,
6.8520

■ 68.3070, 11.1876,
4.9928

■ 195.3010, 13.6556,
6.7520

■ 45.7800, 10.4615,
4.5779

■ 223.3010, 13.6556,
6.7520

■ 24.3670, 10.1721,
4.0631

■ 247.9560, 3.4727,
6.1776

■ 2.7360, 10.4832,
-2.3995

■ 0.0000, 0.0000,
0.0000

■ 116.2470, 12.2032,
5.9224

■ 116.2470, 12.2032,
5.9224

■ 105.6370, 17.4340,
8.2114

■ 126.8570, 6.9725,
3.6334

■ 95.3260, 22.5173,
11.1151

■ 137.1680, 1.8892,
0.7297

■ 84.7160, 27.7480,
13.4041

■ 147.7780, -3.3416,
-1.5593

■ 74.1060, 32.9787,
15.6930

■ 158.3880, -8.5723,
-3.8483

■ 63.2080, 38.3515,
19.1116

■ 169.2860,
-13.9450, -7.2668

■ 52.5980, 43.5822,
21.4006

■ 179.8960,
-19.1757, -9.5558

■ 41.9880, 48.8129,
23.6895


■ 190.5060,
-24.4065, -11.8448

■ 35.2100, 52.1545,

■ 201.1160,

25.2488

-29.6372, -14.1337

 211.4270,
-34.7205, -17.0375

Harmonies

Analogous

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



113.6900, 16.9148, -12.0061



116.2470, 12.2032, 5.9224



116.7990, 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.



116.2470, 12.2032, 5.9224



114.4080, -15.4841, 19.8132



106.3870, 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.



116.2470, 12.2032, 5.9224



132.7530, -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.



108.5320, -3.7133, -22.3916



116.2470, 12.2032, 5.9224



113.1030, -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.



116.2470, 12.2032, 5.9224



115.6030, -11.1433, 27.5352



111.1550, -11.9084, -7.1519



106.1290, 14.2334, -38.7011

Rectangle

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



116.2470, 12.2032, 5.9224



117.0510, -0.5181, 26.2653



111.1550, -11.9084, -7.1519



106.8990, 3.0078, -31.4834

Sweetspot

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



116.2470, 12.2032, 5.9224



174.2760, 4.7939, 2.3889



122.3280, 9.2053, -12.5657



86.1080, 2.9048, 1.6593



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.2470, 12.2032, 5.9224



145.1040, 19.1757, 9.5558



121.0310, 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.



119.9190, 2.9979, 18.4880



150.7400, 4.5652, 29.1690



127.9690, -9.8447, -15.7588



66.5490, 0.7153, 3.9035



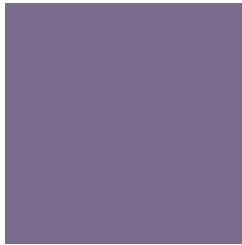
48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 116.2470, 12.2032, 5.9224 looks on a white background.

Color Contrast Check

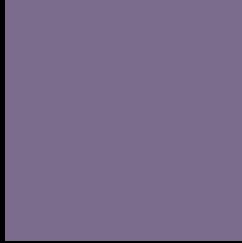
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2470, 12.2032, 5.9224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

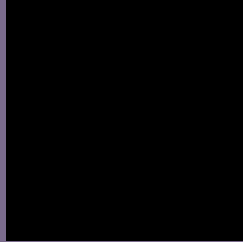
Any Text WCAG AA × Fail

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 116.2470, 12.2032, 5.9224 Background



This preview shows how black text looks on a background with the YUV color 116.2470, 12.2032, 5.9224.



This preview shows how white text looks on a background with the YUV color 116.2470, 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

116.2470, 12.2032, 5.9224

Protanopia

114.5550, 15.0094, -7.5027

Deuteranopia

115.1920, 12.2303, -2.7994



Tritanopia

115.4180, 2.7519, 4.0184

Trichromacy



Original Color

116.2470, 12.2032, 5.9224

Protanomaly

115.0610, 14.2669, -2.6845

Deuteranomaly

115.8010, 11.9301, 0.1745

Tritanomaly

115.9280, 5.9515, 4.4481

Monochromacy



Original Color

116.2470, 12.2032, 5.9224

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2470, 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(123, 108, 141)` looks like.

```
.text, #text, p{  
    color:rgb(123, 108, 141)  
}
```

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(123, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 108, 141) }
```

Border

The CSS property to change the border of an element to YUV 116.2470, 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(123, 108, 141) }
```


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

```
.border{ border-color:rgb(123, 108, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 108, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(123, 108,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 116.2470, 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(123, 108, 141) }
```

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

```
.background{ background-color: rgb(123,  
108, 141) }
```

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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