

Converting Colors

YUV(122.1100, 13.2568,
-5.3585)

Have a look what the booklet for
YUV(122.1100, 13.2568, -5.3585)
contains.

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Color

**YUV(122.1100, 13.2568,
-5.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	747895
RGB	116, 120, 149
RGB Percent	45%, 47%, 58%
CMY	0.5451, 0.5294, 0.4157
CMYK	0.22, 0.19, 0.00, 0.42
HSL	233°, 13%, 52%
HSV	233°, 22%, 58%
XYZ	19.3437, 19.3159, 31.1426
YIQ	122.1100, -11.6930, 8.1710

Conversions

Conversions Part 2

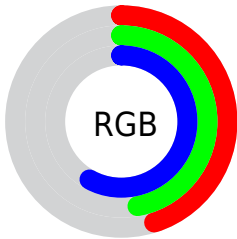
Format	Color
RYB	116, 120, 149
Decimal	7633045
CIELab	51.05, 5.08, -16.16
CIELCh	51, 16.941, 287.440
Yxy	19.3159, 0.2771, 0.2767
Android (android.graphics.Color)	4285823125 (0xFF747895)
YUV	122.1100, 13.2568, -5.3585
Hunter-Lab	43.9498, 1.6515, -11.2477

Details

The YUV color $[122.1100, 13.2568, -5.3585]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[142.8900, -13.2568, 5.3585]$, and the grayscale version is $[122.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[174.3380, 14.1304, -5.5584]$, and $[73.4690, 12.0938, -5.6733]$ is the 20% darker color. If you saturate the color by 10%, you get $[109.9940, 19.2300, -7.8877]$, and if you desaturate by 10%, it is $[134.2260, 7.2836, -2.8292]$.

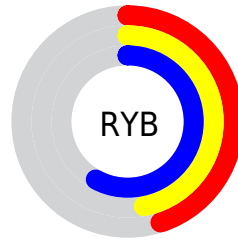
Distribution



Red (45%)

Green (47%)

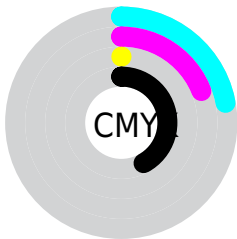
Blue (58%)



Red (45%)

Yellow (47%)

Blue (58%)

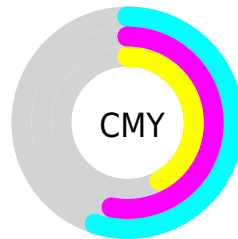


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1100, 13.2568, -5.3585 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 122.1100, 13.2568, -5.3585 by changing the saturation by 10% instead.

■ 122.1100, 13.2568,
-5.3585

■ 122.1100, 13.2568,
-5.3585

■ 255.0000, 0.0000,
0.0000

■ 96.9960, 12.8200,
-5.2585

■ 174.3380, 14.1304,
-5.5584

■ 73.4690, 12.0938,
-5.6733

■ 201.7510, 14.4198,
-5.0436

■ 50.3550, 11.6570,
-5.5733

■ 229.8820, 12.3832,
-5.1585

■ 28.9420, 11.3676,
-6.0881

■ 254.4020, 0.2948,
-1.2296

■ 4.1210, 13.2513,
-3.6141

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 122.1100, 13.2568,
-5.3585

■ 122.1100, 13.2568,
-5.3585

■ 109.9940, 19.2300,
-7.8877

■ 134.2260, 7.2836,
-2.8292

■ 97.8780, 25.2031,
-10.4170

■ 146.3420, 1.3104,
-0.2999

■ 85.7620, 31.1763,
-12.9463

■ 158.4580, -4.6628,
2.2293

■ 73.6460, 37.1495,
-15.4755

■ 170.5740,
-10.6360, 4.7586

■ 61.8290, 42.9753,
-17.3900

■ 182.6900,
-16.6092, 7.2879

■ 49.1260, 49.2379,
-19.4045

■ 195.0940,
-22.7243, 8.6876

■ 37.0100, 55.2111,
-21.9338

■ 207.2100,
-28.6975, 11.2168

■ 27.5520, 59.8739,
-24.1631

■ 219.3260,
-34.6707, 13.7461

■ 231.4420,
-40.6439, 16.2754

Harmonies

Analogous

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



119.3640, 14.6105, -19.6132



122.1100, 13.2568, -5.3585



123.6450, 8.5560, 9.0813

Triad

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



122.1100, 13.2568, -5.3585



122.6840, -10.6902, 22.2021



116.3410, -0.6611, -21.3471

Complementary

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



122.1100, 13.2568, -5.3585



142.8900, -13.2568, 5.3585

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.



118.1700, -7.9718, -9.7961



122.1100, 13.2568, -5.3585



121.8310, -13.7207, 14.1802

Square

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



122.1100, 13.2568, -5.3585



124.1880, -5.0227, 24.3911



119.9930, -12.8145, 3.5141



115.6480, 7.0755, -29.5093

Rectangle

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



122.1100, 13.2568, -5.3585



124.2500, 4.3137, 16.4438



119.9930, -12.8145, 3.5141



117.2660, -3.5821, -17.7733

Sweetspot

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



122.1100, 13.2568, -5.3585



182.7700, 5.5364, -2.4293



138.6770, 3.1172, -19.8877



90.4990, 3.2050, -1.3146



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.



122.1100, 13.2568, -5.3585



151.1510, 21.1246, -8.9024



123.3500, 12.6454, 4.0780



67.7980, 3.0576, -0.6998



25.7110, 55.3585, -22.5485



1.7270, 4.0786, -1.5146

Inverse Universe

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



126.3230, -3.1172, 19.8877



157.6450, -4.7550, 31.8833



141.6500, -12.6454, -4.0780



69.0930, -1.0318, 4.3034



43.2000, -12.9166, 83.1396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 122.1100, 13.2568, -5.3585 looks on a white 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

Black Background



This preview shows how the YUV color 122.1100, 13.2568, -5.3585 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

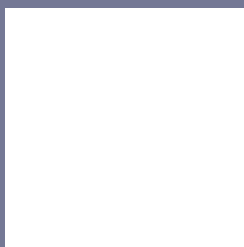
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.1100, 13.2568, -5.3585

Background



This preview shows how black text looks on a background with the YUV color 122.1100, 13.2568, -5.3585.



This preview shows how white text looks on a background with the YUV color 122.1100, 13.2568, -5.3585.

-5.3585.

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

122.1100, 13.2568, -5.3585

Protanopia

121.8110, 13.4042, -5.9732

Deuteranopia

122.4200, 13.1039, -2.9993



Tritanopia

121.1500, 5.8420, -7.1476

Trichromacy



Original Color

122.1100, 13.2568, -5.3585

Protanomaly

121.8110, 13.4042, -5.9732

Deuteranomaly

122.1210, 13.2513, -3.6141

Tritanomaly

121.5460, 8.6048, -6.6178

Monochromacy



Original Color

122.1100, 13.2568, -5.3585

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1100, 13.2568, -5.3585 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(116, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(116, 120, 149)  
}
```

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(116, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 120, 149) }
```

Border

The CSS property to change the border of an element to YUV 122.1100, 13.2568, -5.3585 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(116, 120, 149) }
```


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

```
.border{ border-color:rgb(116, 120, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(116, 120,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 122.1100, 13.2568, -5.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 120, 149) }
```

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

```
.background{ background-color: rgb(116,  
120, 149) }
```

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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