

Converting Colors

YUV(122.1110, 11.7773, 2.5337)

Have a look what the booklet for
YUV(122.1110, 11.7773, 2.5337)
contains.

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Color

**YUV(122.1110, 11.7773,
2.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7492
RGB	125, 116, 146
RGB Percent	49%, 45%, 57%
CMY	0.5098, 0.5451, 0.4275
CMYK	0.14, 0.21, 0.00, 0.43
HSL	258°, 12%, 51%
HSV	258°, 21%, 57%
XYZ	19.8911, 18.9261, 29.7989
YIQ	122.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

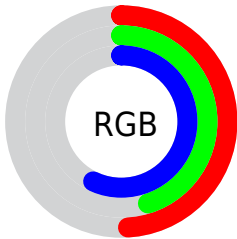
Format	Color
R_{YB}	125, 116, 146
Decimal	8221842
CIE Lab	50.60, 9.78, -15.02
CIE LCh	51, 17.926, 303.075
Yxy	18.9261, 0.2899, 0.2758
Android (android.graphics.Color)	4286411922 (0xFF7D7492)
YUV	122.1110, 11.7773, 2.5337
Hunter-Lab	43.5041, 5.4824, -10.1588

Details

The YUV color $122.1110, 11.7773, 2.5337$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $139.8890, -11.7773, -2.5337$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.6380, 12.5035, 2.9485$, and $73.4700, 10.6143, 2.2188$ is the 20% darker color. If you saturate the color by 10%, you get $110.3160, 17.5922, 4.1079$, and if you desaturate by 10%, it is $133.9060, 5.9623, 0.9594$.

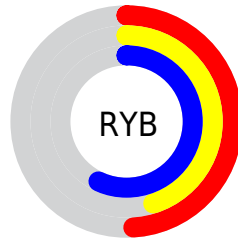
Distribution



Red (49%)

Green (45%)

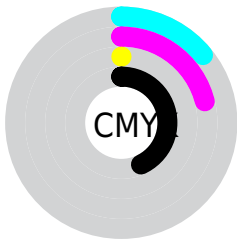
Blue (57%)



Red (49%)

Yellow (45%)

Blue (57%)

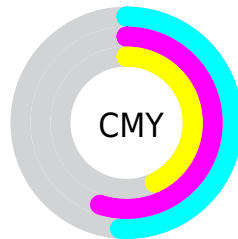


Cyan (14%)

Magenta (21%)

Yellow (0%)

Black (43%)



Cyan (51%)

Magenta (55%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1110, 11.7773, 2.5337 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 122.1110, 11.7773, 2.5337 by changing the saturation by 10% instead.

■ 122.1110, 11.7773,
2.5337

■ 122.1110, 11.7773,
2.5337

■ 255.0000, 0.0000,
0.0000

■ 96.9970, 11.3405,
2.6336

■ 174.6380, 12.5035,
2.9485

■ 73.4700, 10.6143,
2.2188

■ 201.7520, 12.9403,
2.8485

■ 51.0570, 10.3249,
1.7040

■ 229.9370, 12.3561,
3.5633

■ 29.5300, 9.5987,
1.2892

■ 253.2390, 0.8682,
1.5444

■ 6.2960, 11.1931,
3.2484

■ 0.0000, 0.0000,
0.0000

■ 122.1110, 11.7773,
2.5337

■ 122.1110, 11.7773,
2.5337

■ 110.3160, 17.5922,
4.1079

■ 133.9060, 5.9623,
0.9594

■ 99.1080, 23.1178,
5.1673

■ 145.1140, 0.4368,
-0.1000

■ 87.0140, 29.0801,
6.1267

■ 157.2080, -5.5255,
-1.0594

■ 75.8060, 34.6056,
7.1861

■ 168.4160,
-11.0511, -2.1188

■ 64.0110, 40.4206,
8.7604

■ 180.2110,
-16.8660, -3.6930

■ 52.2160, 46.2355,
10.3346

■ 192.0060,
-22.6810, -5.2673

■ 40.7090, 51.9085,
10.7792


■ 203.5130,
-28.3539, -5.7119

■ 29.8000, 57.2866,

■ 215.3080,

12.4534

-34.1688, -7.2861

 226.5160,
-39.6944, -8.3455

Harmonies

Analogous

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



119.3370, 15.6099, -13.4505



122.1110, 11.7773, 2.5337



123.0050, 5.9135, 16.6586

Triad

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



122.1110, 11.7773, 2.5337



121.2770, -13.4476, 19.9281



114.1490, 3.8705, -28.1947

Complementary

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



122.1110, 11.7773, 2.5337



139.8890, -11.7773, -2.5337

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.



115.9240, -4.8925, -17.4733



122.1110, 11.7773, 2.5337



119.5700, -14.5780, 9.1471

Square

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



122.1110, 11.7773, 2.5337



122.1620, -8.9539, 25.2909



118.2910, -11.4825, -3.7632



113.7770, 11.4489, -32.2534

Rectangle

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



122.1110, 11.7773, 2.5337



123.3710, 0.8031, 22.4766



118.2910, -11.4825, -3.7632



114.6610, 0.6601, -25.1357

Sweetspot

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



122.1110, 11.7773, 2.5337



179.5640, 4.6519, 1.2594



131.7470, 7.0267, -13.8101



89.2820, 2.3260, 0.6297



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.



122.1110, 11.7773, 2.5337



151.5440, 18.4658, 3.9079



126.5960, 9.5662, 11.7553



68.3960, 2.7628, 0.5297



27.9910, 54.2344, 11.4089



2.0370, 3.9258, 0.8446

Inverse Universe

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



127.3640, 4.7505, 16.3438



159.8150, 7.4862, 25.5952



135.4040, -9.5662, -11.7553



69.6630, 1.1521, 3.8035



52.2060, 21.5904, 75.2413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 122.1110, 11.7773, 2.5337 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 122.1110, 11.7773, 2.5337 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 122.1110, 11.7773, 2.5337

Background



This preview shows how black text looks on a background with the YUV color 122.1110, 11.7773, 2.5337.



This preview shows how white text looks on a background with the YUV color 122.1110, 11.7773,

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

122.1110, 11.7773, 2.5337

Protanopia

120.8110, 13.4042, -5.9732

Deuteranopia

121.7900, 11.9355, -1.5698



Tritanopia

121.0370, 3.9258, 0.8446

Trichromacy



Original Color

122.1110, 11.7773, 2.5337

Protanomaly

121.3060, 12.6671, -2.8994

Deuteranomaly

121.8010, 11.9301, 0.1745

Tritanomaly

121.4330, 6.6885, 1.3743

Monochromacy



Original Color

122.1110, 11.7773, 2.5337

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1110, 11.7773, 2.5337 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(125, 116, 146)` looks like.

```
.text, #text, p{  
    color:rgb(125, 116, 146)  
}
```

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(125, 116, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 116, 146) }
```

Border

The CSS property to change the border of an element to YUV 122.1110, 11.7773, 2.5337 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(125, 116, 146) }
```


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

```
.border{ border-color:rgb(125, 116, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 116, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 116, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 116, 146);  
box-shadow:4px 4px 4px 4px rgb(125, 116,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 122.1110, 11.7773, 2.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 116, 146) }
```

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

```
.background{ background-color: rgb(125,  
116, 146) }
```

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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