

Converting Colors

YUV(115.1110, 11.7773, 2.5337)

Have a look what the booklet for
YUV(115.1110, 11.7773, 2.5337)
contains.

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Color

**YUV(115.1110, 11.7773,
2.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	766D8B
RGB	118, 109, 139
RGB Percent	46%, 43%, 55%
CMY	0.5373, 0.5725, 0.4549
CMYK	0.15, 0.22, 0.00, 0.45
HSL	258°, 12%, 49%
HSV	258°, 22%, 55%
XYZ	17.6001, 16.6529, 26.7128
YIQ	115.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

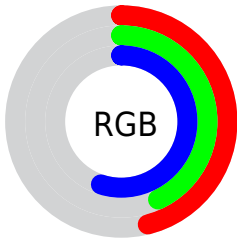
Format	Color
R_{YB}	118, 109, 139
Decimal	7761291
CIE Lab	47.82, 9.90, -15.17
CIE LCh	48, 18.117, 303.141
Yxy	16.6529, 0.2887, 0.2732
Android (android.graphics.Color)	4285951371 (0xFF766D8B)
YUV	115.1110, 11.7773, 2.5337
Hunter-Lab	40.8080, 5.5712, -10.2455

Details

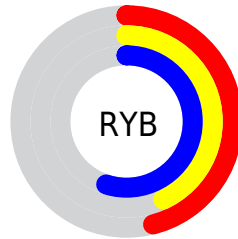
The YUV color **115.1110, 11.7773, 2.5337** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.8890, -11.7773, -2.5337**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7520, 12.9403, 2.8485**, and **67.1710, 10.7617, 1.6040** is the 20% darker color. If you saturate the color by 10%, you get **103.9030, 17.3028, 3.5931**, and if you desaturate by 10%, it is **126.3190, 6.2517, 1.4742**.

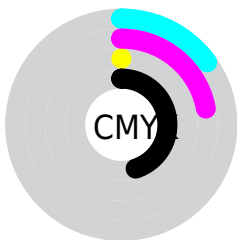
Distribution



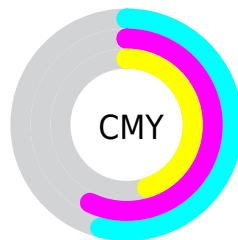
- Red (46%)
- Green (43%)
- Blue (55%)



- Red (46%)
- Yellow (43%)
- Blue (55%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1110, 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 115.1110, 11.7773, 2.5337 by changing the saturation by 10% instead.

■ 115.1110, 11.7773,
2.5337

■ 115.1110, 11.7773,
2.5337

■ 255.0000, 0.0000,
0.0000

■ 90.5840, 11.0511,
2.1188

■ 166.7520, 12.9403,
2.8485

■ 67.1710, 10.7617,
1.6040

■ 194.0510, 12.7929,
3.4633

■ 44.9430, 9.8881,
1.8040

■ 222.1650, 13.2297,
3.3633

■ 23.5300, 9.5987,
1.2892

■ 248.5430, 3.1833,
5.6628

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 115.1110, 11.7773,
2.5337

■ 115.1110, 11.7773,
2.5337

■ 103.9030, 17.3028,
3.5931

■ 126.3190, 6.2517,
1.4742

■ 92.9940, 22.6810,
5.2673

■ 137.2280, 0.8736,
-0.2000

■ 81.7860, 28.2065,
6.3267

■ 148.4360, -4.6519,
-1.2594

■ 70.5780, 33.7320,
7.3861

■ 159.6440,
-10.1775, -2.3188

■ 59.9570, 38.9682,
7.9307

■ 170.8520,
-15.7030, -3.3782

■ 49.0480, 44.3463,
9.6049

■ 181.1740,
-20.7918, -4.5376

■ 37.8400, 49.8719,
10.6643

■ 192.3820,
-26.3173, -5.5970

■ 28.4040, 54.5238,

■ 203.5900,

11.9237

-31.8429, -6.6564

 214.7980,
-37.3684, -7.7158

Harmonies

Analogous

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



112.3370, 15.6099, -13.4505



115.1110, 11.7773, 2.5337



116.0050, 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.



115.1110, 11.7773, 2.5337



113.9780, -13.3002, 19.3133



106.8500, 4.0180, -28.8094

Complementary

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



115.1110, 11.7773, 2.5337



132.8890, -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.



108.9240, -4.8925, -17.4733



115.1110, 11.7773, 2.5337



112.5700, -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.



115.1110, 11.7773, 2.5337



115.1620, -8.9539, 25.2909



110.9920, -11.3351, -4.3780



106.4780, 11.5963, -32.8682

Rectangle

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



115.1110, 11.7773, 2.5337



116.3710, 0.8031, 22.4766



110.9920, -11.3351, -4.3780



107.6610, 0.6601, -25.1357

Sweetspot

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



115.1110, 11.7773, 2.5337



172.1510, 4.3626, 0.7446



124.7470, 7.0267, -13.8101



86.3960, 2.7628, 0.5297



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.



115.1110, 11.7773, 2.5337



143.5440, 18.4658, 3.9079



119.5960, 9.5662, 11.7553



63.3960, 2.7628, 0.5297



27.1220, 52.1979, 11.2940



1.1680, 1.8892, 0.7297

Inverse Universe

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



120.3640, 4.7505, 16.3438



151.8150, 7.4862, 25.5952



128.4040, -9.5662, -11.7553



64.6630, 1.1521, 3.8035



50.3690, 21.0171, 72.4674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 115.1110, 11.7773, 2.5337 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 115.1110, 11.7773, 2.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

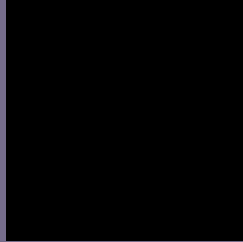
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.1110, 11.7773, 2.5337

Background



This preview shows how black text looks on a background with the YUV color 115.1110, 11.7773, 2.5337.



This preview shows how white text looks on a background with the YUV color 115.1110, 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

115.1110, 11.7773, 2.5337

Protanopia

113.8110, 13.4042, -5.9732

Deuteranopia

114.4910, 12.0829, -2.1846



Tritanopia

113.9230, 3.4890, 0.9445

Trichromacy



Original Color

115.1110, 11.7773, 2.5337

Protanomaly

114.3060, 12.6671, -2.8994

Deuteranomaly

114.5020, 12.0775, -0.4403

Tritanomaly

114.4330, 6.6885, 1.3743

Monochromacy



Original Color

115.1110, 11.7773, 2.5337

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1110, 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(118, 109, 139)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 139)  
}
```

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(118, 109, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 139) }
```

Border

The CSS property to change the border of an element to YUV 115.1110, 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(118, 109, 139) }
```


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

```
.border{ border-color:rgb(118, 109, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 115.1110, 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(118, 109, 139) }
```

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

```
.background{ background-color: rgb(118,  
109, 139) }
```

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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