

Converting Colors

YUV(113.8380, 15.8559, 1.0191)

Have a look what the booklet for
YUV(113.8380, 15.8559, 1.0191)
contains.

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Color

**YUV(113.8380, 15.8559,
1.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	736B92
RGB	115, 107, 146
RGB Percent	45%, 42%, 57%
CMY	0.5490, 0.5804, 0.4275
CMYK	0.21, 0.27, 0.00, 0.43
HSL	252°, 15%, 50%
HSV	252°, 27%, 57%
XYZ	17.5162, 16.2356, 29.4047
YIQ	113.8380, -7.7510, 13.8250

Conversions

Conversions Part 2

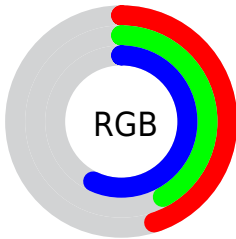
Format	Color
R _Y B	115, 107, 146
Decimal	7564178
CIE Lab	47.28, 11.77, -20.17
CIE LCh	47, 23.351, 300.265
Yxy	16.2356, 0.2773, 0.2571
Android (android.graphics.Color)	4285754258 (0xFF736B92)
YUV	113.8380, 15.8559, 1.0191
Hunter-Lab	40.2934, 7.0837, -15.0624

Details

The YUV color $[113.8380, 15.8559, 1.0191]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[139.1620, -15.8559, -1.0191]$, and the grayscale version is $[114.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[165.4790, 17.0189, 1.3339]$, and $[65.7840, 14.4035, 0.1894]$ is the 20% darker color. If you saturate the color by 10%, you get $[101.4450, 21.9656, 1.3637]$, and if you desaturate by 10%, it is $[126.2310, 9.7461, 0.6744]$.

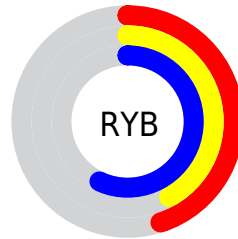
Distribution



Red (45%)

Green (42%)

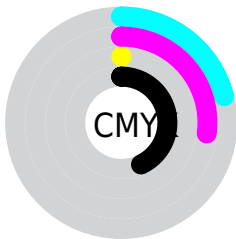
Blue (57%)



Red (45%)

Yellow (42%)

Blue (57%)

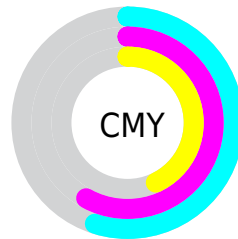


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (58%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8380, 15.8559, 1.0191 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 113.8380, 15.8559, 1.0191 by changing the saturation by 10% instead.

■ 113.8380, 15.8559,
1.0191

■ 113.8380, 15.8559,
1.0191

■ 255.0000, 0.0000,
0.0000

■ 89.3110, 15.1297,
0.6043

■ 165.4790, 17.0189,
1.3339

■ 65.7840, 14.4035,
0.1894

■ 192.8920, 17.3082,
1.8487

■ 43.2570, 13.6773,
-0.2254

■ 220.7780, 16.8714,
1.9487

■ 22.4310, 13.0985,
-1.2550

■ 245.8850, 4.4937,
5.3629

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 113.8380, 15.8559,
1.0191

■ 113.8380, 15.8559,
1.0191

■ 101.4450, 21.9656,
1.3637

■ 126.2310, 9.7461,
0.6744

■ 89.9380, 27.6386,
1.8084

■ 137.7380, 4.0732,
0.2298

■ 77.5450, 33.7483,
2.1530

■ 150.1310, -2.0366,
-0.1149

■ 66.0380, 39.4213,
2.5977

■ 161.6380, -7.7095,
-0.5595

■ 53.6450, 45.5310,
2.9423

■ 174.0310,
-13.8193, -0.9042

■ 41.2520, 51.6408,
3.2870

■ 186.4240,
-19.9290, -1.2488

■ 29.7450, 57.3137,
3.7316


■ 197.9310,
-25.6020, -1.6935

■ 25.6140, 59.3503,

■ 210.3240,

3.8465

-31.7117, -2.0381

 221.8310,
-37.3847, -2.4828

Harmonies

Analogous

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



109.8460, 20.2889, -20.9129



113.8380, 15.8559, 1.0191



115.2980, 8.2341, 19.0327

Triad

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



113.8380, 15.8559, 1.0191



112.5120, -16.5214, 25.8610



102.6100, 4.6293, -38.2460

Complementary

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



113.8380, 15.8559, 1.0191



139.1620, -15.8559, -1.0191

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.



106.0330, -6.9183, -21.0769



113.8380, 15.8559, 1.0191



111.1530, -18.8094, 13.0208

Square

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



113.8380, 15.8559, 1.0191



113.8640, -10.2860, 32.5683



108.9660, -15.2662, -3.4782



100.3020, 15.1341, -47.6229

Rectangle

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



113.8380, 15.8559, 1.0191



115.0450, 1.9498, 28.0245



108.9660, -15.2662, -3.4782



104.2040, 0.3924, -32.6279

Sweetspot

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



113.8380, 15.8559, 1.0191



176.6070, 6.1097, 0.3447



129.6430, 8.0640, -19.8579



86.6240, 3.6364, 0.3298



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.



113.8380, 15.8559, 1.0191



138.8410, 24.7284, 1.8934



119.5190, 13.0551, 12.6998



68.0970, 2.9102, -0.0851



24.1040, 56.1507, 3.4168



1.7380, 4.0732, 0.2298

Inverse Universe

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



122.1950, 7.7919, 20.8770



151.7110, 11.9745, 32.7025



133.4810, -13.0551, -12.6998



69.6630, 1.1521, 3.8035



53.6880, 27.2688, 73.9416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 113.8380, 15.8559, 1.0191 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 113.8380, 15.8559, 1.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

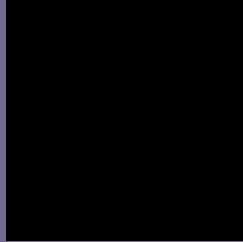
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8380, 15.8559, 1.0191

Background



This preview shows how black text looks on a background with the YUV color 113.8380, 15.8559, 1.0191.



This preview shows how white text looks on a background with the YUV color 113.8380, 15.8559, 1.0191.

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

113.8380, 15.8559, 1.0191

Protanopia

112.6410, 17.9250, -9.3322

Deuteranopia

112.4950, 16.0250, -6.5731



Tritanopia

112.4280, 4.2260, -2.1294

Trichromacy



Original Color

113.8380, 15.8559, 1.0191

Protanomaly

113.4350, 17.0405, -5.6435

Deuteranomaly

113.1040, 15.7247, -3.5992

Tritanomaly

112.8780, 8.4411, -0.7700

Monochromacy



Original Color

113.8380, 15.8559, 1.0191

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6070, 6.1097, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8380, 15.8559, 1.0191 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(115, 107, 146)` looks like.

```
.text, #text, p{  
    color:rgb(115, 107, 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(115, 107, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 107, 146) }
```

Border

The CSS property to change the border of an element to YUV 113.8380, 15.8559, 1.0191 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(115, 107, 146) }
```


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

```
.border{ border-color:rgb(115, 107, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 107, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 107, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 107, 146);  
box-shadow:4px 4px 4px 4px rgb(115, 107,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 113.8380, 15.8559, 1.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 107, 146) }
```

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

```
.background{ background-color: rgb(115,  
107, 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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