

Converting Colors

YUV(115.8210, 18.3292, 1.0340)

Have a look what the booklet for
YUV(115.8210, 18.3292, 1.0340)
contains.

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Color

**YUV(115.8210, 18.3292,
1.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	756C99
RGB	117, 108, 153
RGB Percent	46%, 42%, 60%
CMY	0.5412, 0.5765, 0.4000
CMYK	0.24, 0.29, 0.00, 0.40
HSL	252°, 18%, 51%
HSV	252°, 29%, 60%
XYZ	18.4484, 16.8069, 32.4087
YIQ	115.8210, -9.0810, 15.9030

Conversions

Conversions Part 2

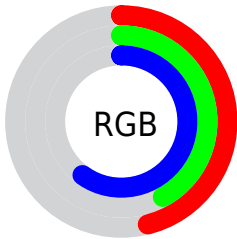
Format	Color
R_{YB}	117, 108, 153
Decimal	7695513
CIE _{Lab}	48.02, 13.57, -23.16
CIE _{LCh}	48, 26.844, 300.357
Yxy	16.8069, 0.2726, 0.2484
Android (android.graphics.Color)	4285885593 (0xFF756C99)
YUV	115.8210, 18.3292, 1.0340
Hunter-Lab	40.9963, 8.5821, -18.1730

Details

The YUV color **115.8210, 18.3292, 1.0340** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145.1790, -18.3292, -1.0340**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7610, 19.3448, 1.9636**, and **67.7670, 16.8769, 0.2043** is the 20% darker color. If you saturate the color by 10%, you get **103.4280, 24.4390, 1.3786**, and if you desaturate by 10%, it is **128.2140, 12.2195, 0.6893**.

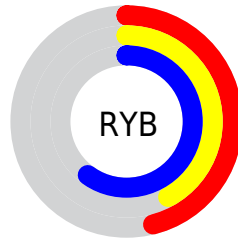
Distribution



Red (46%)

Green (42%)

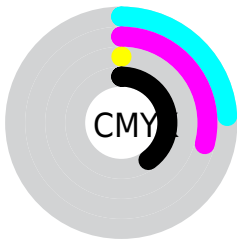
Blue (60%)



Red (46%)

Yellow (42%)

Blue (60%)

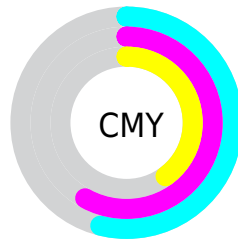


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8210, 18.3292, 1.0340 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 115.8210, 18.3292, 1.0340 by changing the saturation by 10% instead.

■ 115.8210, 18.3292,
1.0340

■ 115.8210, 18.3292,
1.0340

■ 255.0000, 0.0000,
0.0000

■ 91.2940, 17.6031,
0.6192

■ 167.7610, 19.3448,
1.9636

■ 67.7670, 16.8769,
0.2043

■ 194.9890, 20.2184,
1.7636

■ 44.9410, 16.2981,
-0.8253

■ 221.9630, 16.2872,
2.6634

■ 23.7020, 15.4299,
-2.3697

■ 247.6570, 3.6201,
5.5628

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 115.8210, 18.3292,
1.0340

■ 115.8210, 18.3292,
1.0340

■ 103.4280, 24.4390,
1.3786

■ 128.2140, 12.2195,
0.6893

■ 90.4480, 30.8381,
2.2381

■ 141.1940, 5.8204,
-0.1701

■ 77.7560, 37.0953,
1.9680

■ 153.8860, -0.4368,
0.1000

■ 65.3630, 43.2050,
2.3126

■ 166.2790, -6.5465,
-0.2447

■ 52.9700, 49.3148,
2.6573

■ 179.2590,
-12.9457, -1.1041

■ 39.9900, 55.7139,
3.5168

■ 191.6520,
-19.0554, -1.4488

■ 27.2980, 61.9711,
3.2467

■ 204.3440,
-25.3126, -1.1787

■ 26.7110, 62.2605,
3.7615

■ 216.7370,
-31.4223, -1.5233

■ 229.7170,
-37.8215, -2.3828

Harmonies

Analogous

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



110.7360, 23.7942, -25.2015



115.8210, 18.3292, 1.0340



117.0750, 9.8230, 22.7362

Triad

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



115.8210, 18.3292, 1.0340



114.1380, -19.2950, 28.8200



101.4950, 5.6720, -46.0381

Complementary

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



115.8210, 18.3292, 1.0340



145.1790, -18.3292, -1.0340

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.



106.4840, -7.6336, -24.9805



115.8210, 18.3292, 1.0340



112.6540, -22.0144, 14.3354

Square

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



115.8210, 18.3292, 1.0340



114.9570, -11.3178, 36.8717



109.6840, -17.5922, -4.1079



97.2400, 19.1087, -62.4775

Rectangle

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



115.8210, 18.3292, 1.0340



116.5940, 2.6652, 31.9281



109.6840, -17.5922, -4.1079



103.6870, 1.1403, -39.1905

Sweetspot

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



115.8210, 18.3292, 1.0340



184.2480, 7.2727, 0.6595



134.2620, 9.2378, -23.0318



90.7380, 4.0732, 0.2298



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



115.8210, 18.3292, 1.0340



141.1660, 28.5122, 1.6084



122.6980, 14.9389, 15.1739



70.2110, 3.3470, -0.1850



24.3320, 57.0243, 3.2168



2.3790, 5.2362, 0.5446

Inverse Universe

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



125.5590, 9.0914, 24.0658



156.3140, 14.1422, 37.4356



138.6010, -15.0863, -14.5591



72.0760, 1.4415, 4.3183



54.6280, 28.2844, 74.8712



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 115.8210, 18.3292, 1.0340 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 115.8210, 18.3292, 1.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

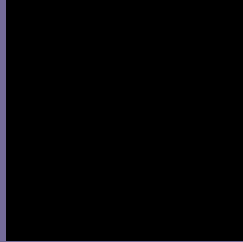
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.8210, 18.3292, 1.0340

Background



This preview shows how black text looks on a background with the YUV color 115.8210, 18.3292, 1.0340.



This preview shows how white text looks on a background with the YUV color 115.8210, 18.3292,

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

115.8210, 18.3292, 1.0340

Protanopia

113.7270, 20.8406, -11.1616

Deuteranopia

114.1680, 18.6512, -8.9173



Tritanopia

114.1290, 4.3734, -2.7441

Trichromacy



Original Color

115.8210, 18.3292, 1.0340

Protanomaly

114.8200, 19.8087, -6.8581

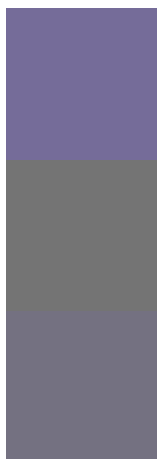
Deuteranomaly

115.0760, 18.2035, -5.3287

Tritanomaly

114.8070, 9.4621, -1.5847

Monochromacy



Original Color

115.8210, 18.3292, 1.0340

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8210, 18.3292, 1.0340 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(117, 108, 153)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 153)  
}
```

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(117, 108, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 153) }
```

Border

The CSS property to change the border of an element to YUV 115.8210, 18.3292, 1.0340 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(117, 108, 153) }
```


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

```
.border{ border-color:rgb(117, 108, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 153);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 115.8210, 18.3292, 1.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 153) }
```

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

```
.background{ background-color: rgb(117,  
108, 153) }
```

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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