

Converting Colors

YUV(95.6870, 11.4933, 0.2745)

Have a look what the booklet for
YUV(95.6870, 11.4933, 0.2745)
contains.

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Color

**YUV(95.6870, 11.4933,
0.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	605B77
RGB	96, 91, 119
RGB Percent	38%, 36%, 47%
CMY	0.6235, 0.6431, 0.5333
CMYK	0.19, 0.24, 0.00, 0.53
HSL	251°, 13%, 41%
HSV	251°, 24%, 47%
XYZ	11.8947, 11.3009, 19.0071
YIQ	95.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

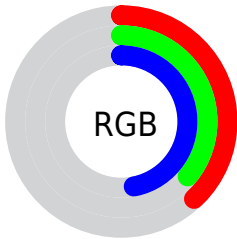
Format	Color
R_{YB}	96, 91, 119
Decimal	6314871
CIE _{Lab}	40.08, 8.36, -15.08
CIE _{LCh}	40, 17.245, 299.004
Yxy	11.3009, 0.2818, 0.2678
Android (android.graphics.Color)	4284504951 (0xFF605B77)
YUV	95.6870, 11.4933, 0.2745
Hunter-Lab	33.6168, 4.3299, -9.9912

Details

The YUV color **95.6870, 11.4933, 0.2745** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114.3130, -11.4933, -0.2745**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2140, 12.2195, 0.6893**, and **49.1600, 10.7671, -0.1403** is the 20% darker color. If you saturate the color by 10%, you get **85.6530, 16.4401, 0.3043**, and if you desaturate by 10%, it is **105.7210, 6.5465, 0.2447**.

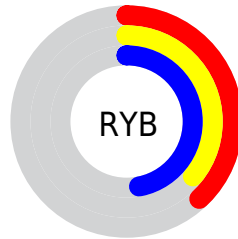
Distribution



Red (38%)

Green (36%)

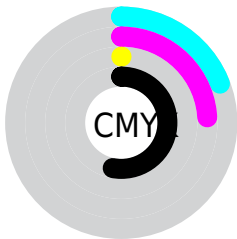
Blue (47%)



Red (38%)

Yellow (36%)

Blue (47%)

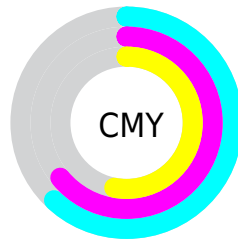


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6870, 11.4933, 0.2745 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 95.6870, 11.4933, 0.2745 by changing the saturation by 10% instead.

■ 95.6870, 11.4933,
0.2745

■ 95.6870, 11.4933,
0.2745

■ 255.0000, 0.0000,
0.0000

■ 72.1600, 10.7671,
-0.1403

■ 146.2140, 12.2195,
0.6893

■ 49.1600, 10.7671,
-0.1403

■ 172.7410, 12.9457,
1.1041

■ 28.2200, 9.7515,
-1.0699

■ 200.4420, 13.0931,
0.4894

■ 4.6870, 11.4933,
0.2745

■ 228.4420, 13.0931,
0.4894

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1576,
2.0592

■ 95.6870, 11.4933,
0.2745

■ 95.6870, 11.4933,
0.2745

■ 85.6530, 16.4401,
0.3043

■ 105.7210, 6.5465,
0.2447

■ 75.6190, 21.3868,
0.3341

■ 115.7550, 1.5998,
0.2149

■ 65.8840, 26.1862,
0.9787

■ 125.4900, -3.1996,
-0.4297

■ 55.8500, 31.1329,
1.0085

■ 135.5240, -8.1463,
-0.4595

■ 45.8160, 36.0797,
1.0384

■ 144.9710,
-12.8037, 0.0254

■ 36.3690, 40.7371,
0.5534

■ 155.0050,
-17.7505, -0.0044

■ 26.6340, 45.5364,
1.1980


■ 164.7400,
-22.5498, -0.6490

■ 19.8450, 48.8834,

■ 174.7740,

1.0129

-27.4966, -0.6788

 184.8080,
-32.4433, -0.7086

Harmonies

Analogous

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



92.9840, 14.3049, -14.8950



95.6870, 11.4933, 0.2745



96.9830, 5.9244, 13.1699

Triad

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



95.6870, 11.4933, 0.2745



95.3200, -11.9898, 19.0134



88.1170, 2.4073, -25.5356

Complementary

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



95.6870, 11.4933, 0.2745



114.3130, -11.4933, -0.2745

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.



90.5330, -5.1928, -14.4994



95.6870, 11.4933, 0.2745



93.5100, -13.5624, 10.0767

Square

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



95.6870, 11.4933, 0.2745



95.9060, -7.3487, 23.7614



92.4160, -11.0511, -2.1188



87.7340, 9.9911, -31.3387

Rectangle

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



95.6870, 11.4933, 0.2745



96.8760, 1.5401, 19.4027



92.4160, -11.0511, -2.1188



89.1560, -0.0769, -22.0618

Sweetspot

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



95.6870, 11.4933, 0.2745



146.8520, 4.5100, 0.1298



107.6930, 5.5744, -14.6398



73.9830, 2.4734, 0.0149



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.6870, 11.4933, 0.2745



119.4080, 18.0399, 0.5192



99.8730, 9.4296, 8.8814



53.9830, 2.4734, 0.0149



20.4860, 50.0464, 1.3278



41.9550, 102.5662, 2.6705

Inverse Universe

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



101.9940, 5.9190, 14.9143



129.2600, 9.2388, 23.4510



110.1270, -9.4296, -8.8814



55.3640, 1.2995, 3.1888



47.9920, 26.1329, 64.9050



98.1200, 52.6918, 133.1988

Previews

White Background



This preview shows how the YUV color 95.6870, 11.4933, 0.2745 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 95.6870, 11.4933, 0.2745 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 95.6870, 11.4933, 0.2745

Background



This preview shows how black text looks on a background with the YUV color 95.6870, 11.4933, 0.2745.



This preview shows how white text looks on a background with the YUV color 95.6870, 11.4933,

0.2745.

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

95.6870, 11.4933, 0.2745

Protanopia

94.3980, 13.1148, -6.4880

Deuteranopia

95.3660, 11.6516, -3.8290



Tritanopia

94.6130, 3.6418, -1.4146

Trichromacy



Original Color

95.6870, 11.4933, 0.2745

Protanomaly

94.5940, 12.5252, -4.0289

Deuteranomaly

95.3770, 11.6461, -2.0846

Tritanomaly

95.0090, 6.4046, -0.8849

Monochromacy



Original Color

95.6870, 11.4933, 0.2745

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7380, 4.0732, 0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6870, 11.4933, 0.2745 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(96, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(96, 91, 119)  
}
```

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(96, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 91, 119) }
```

Border

The CSS property to change the border of an element to YUV 95.6870, 11.4933, 0.2745 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(96, 91, 119) }
```


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

```
.border{ border-color:rgb(96, 91, 119) }
```

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

Here you see how a box with a 4 pixel rgb(96, 91, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 91,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 95.6870, 11.4933, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 91, 119) }
```

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

```
.background{ background-color: rgb(96, 91,  
119) }
```

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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