

Converting Colors

YUV(116.3770, 24.9571,
-24.8866)

Have a look what the booklet for
YUV(116.3770, 24.9571, -24.8866)
contains.

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Color

**YUV(116.3770, 24.9571,
-24.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	5879A7
RGB	88, 121, 167
RGB Percent	35%, 47%, 65%
CMY	0.6549, 0.5255, 0.3451
CMYK	0.47, 0.28, 0.00, 0.35
HSL	215°, 31%, 50%
HSV	215°, 47%, 65%
XYZ	17.8369, 18.5395, 39.1976
YIQ	116.3770, -34.4340, 7.3100

Conversions

Conversions Part 2

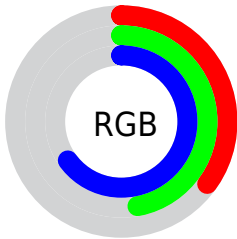
Format	Color
R _{YB}	88, 111, 167
Decimal	5798311
CIE Lab	50.14, 1.16, -28.23
CIE LCh	50, 28.258, 272.350
Yxy	18.5395, 0.2360, 0.2453
Android (android.graphics.Color)	4283988391 (0xFF5879A7)
YUV	116.3770, 24.9571, -24.8866
Hunter-Lab	43.0575, -1.4055, -23.8347

Details

The YUV color **116.3770, 24.9571, -24.8866** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **138.6230, -24.9571, 24.8866**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3170, 25.9727, -23.9570**, and **65.8280, 24.2418, -28.7902** is the 20% darker color. If you saturate the color by 10%, you get **105.4240, 30.3570, -30.1898**, and if you desaturate by 10%, it is **127.3300, 19.5573, -19.5834**.

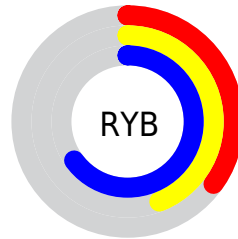
Distribution



Red (35%)

Green (47%)

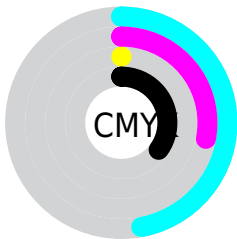
Blue (65%)



Red (35%)

Yellow (44%)

Blue (65%)

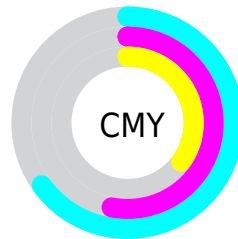


Cyan (47%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (65%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3770, 24.9571, -24.8866 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 116.3770, 24.9571, -24.8866 by changing the saturation by 10% instead.

■ 116.3770, 24.9571,
-24.8866

■ 116.3770, 24.9571,
-24.8866

255.0000, 0.0000,
0.0000

■ 90.5510, 24.3784,
-25.9162

■ 169.3170, 25.9727,
-23.9570

■ 65.8280, 24.2418,
-28.7902

■ 196.5450, 26.8463,
-24.1570

■ 39.6100, 24.8423,
-34.7380

■ 221.8090, 16.3632,
-21.7575

■ 25.1340, 20.1469,
-22.0425

■ 246.3290, 4.2748,
-17.8285

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 116.3770, 24.9571,
-24.8866

■ 116.3770, 24.9571,
-24.8866

■ 105.4240, 30.3570,
-30.1898

■ 127.3300, 19.5573,
-19.5834

■ 95.3570, 35.3200,
-35.3931

■ 137.3970, 14.5943,
-14.3802

■ 84.4040, 40.7198,
-40.6963

■ 148.3500, 9.1944,
-9.0770

■ 73.4510, 46.1197,
-45.9995

■ 159.3030, 3.7946,
-3.7737

■ 62.7970, 51.3721,
-50.6880

■ 169.9570, -1.4578,
0.9147

■ 60.1280, 52.6879,
-52.7323

■ 180.3230, -6.5682,
6.7327

■ 191.2760,
-11.9681, 12.0359

■ 202.2290,
-17.3679, 17.3392

■ 212.8830,
-22.6203, 22.0276

Harmonies

Analogous

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



107.5430, 26.3543, -53.0962



116.3770, 24.9571, -24.8866



121.3590, 19.0500, 3.1932

Triad

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



116.3770, 24.9571, -24.8866



120.6260, -12.6336, 38.9160



110.8750, -7.3334, -27.9544

Complementary

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



116.3770, 24.9571, -24.8866



138.6230, -24.9571, 24.8866

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.



115.1460, -18.3130, -6.2670



116.3770, 24.9571, -24.8866



119.0950, -20.7528, 29.7347

Square

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



116.3770, 24.9571, -24.8866



122.0740, -2.0085, 37.6461



117.1270, -22.7406, 13.9206



105.2170, 7.2880, -51.0563

Rectangle

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



116.3770, 24.9571, -24.8866



122.8510, 12.8915, 18.5477



117.1270, -22.7406, 13.9206



112.4800, -11.5756, -20.5920

Sweetspot

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



116.3770, 24.9571, -24.8866



197.1650, 9.7787, -9.7917



139.5030, -3.2060, -45.1681



97.8620, 5.9840, -6.0180



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.3770, 24.9571, -24.8866



137.6600, 39.1146, -39.1668



98.5010, 33.7700, -4.8244



78.6730, 2.6262, -2.3442



53.2660, 46.7039, -46.7143



7.5630, 6.1314, -6.6328

Inverse Universe

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



115.3830, 2.7692, 45.2681



136.0040, 4.4350, 71.0335



156.4990, -33.7700, 4.8244



78.7340, 0.1311, 4.6183



51.3200, 5.2652, 84.7884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 116.3770, 24.9571, -24.8866 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 116.3770, 24.9571, -24.8866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

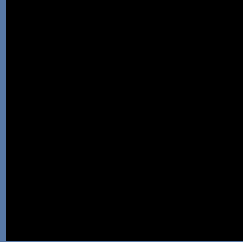
Any Text WCAG AA ✓ Pass

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 116.3770, 24.9571, -24.8866 Background



This preview shows how black text looks on a background with the YUV color 116.3770, 24.9571, -24.8866.

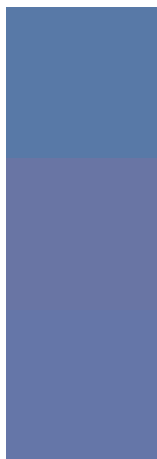


This preview shows how white text looks on a background with the YUV color 116.3770, 24.9571, -24.8866.

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

116.3770, 24.9571, -24.8866

Protanopia

118.7700, 22.2984, -12.0763

Deuteranopia

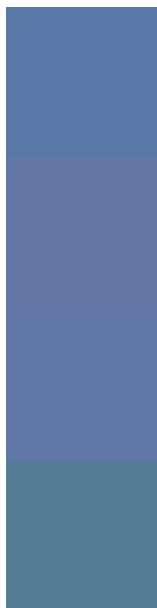
118.6170, 24.3458, -15.4501



Tritanopia

113.7880, 11.4435, -30.5091

Trichromacy



Original Color

116.3770, 24.9571, -24.8866

Protanomaly

117.6770, 23.3302, -16.3797

Deuteranomaly

117.7090, 24.7935, -19.0388

Tritanomaly

114.7650, 16.3849, -28.7349

Monochromacy



Original Color

116.3770, 24.9571, -24.8866

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3500, 9.1945, -9.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3770, 24.9571, -24.8866 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(88, 121, 167)` looks like.

```
.text, #text, p{  
    color:rgb(88, 121, 167)  
}
```

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(88, 121, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 121, 167) }
```

Border

The CSS property to change the border of an element to YUV 116.3770, 24.9571, -24.8866 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(88, 121, 167) }
```


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

```
.border{ border-color:rgb(88, 121, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 121, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 121, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 121, 167);  
box-shadow:4px 4px 4px 4px rgb(88, 121,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 116.3770, 24.9571, -24.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 121, 167) }
```

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

```
.background{ background-color: rgb(88, 121,  
167) }
```

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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