

Converting Colors

YUV(119.3460, 25.4654,
-1.1804)

Have a look what the booklet for
YUV(119.3460, 25.4654, -1.1804)
contains.

YUV(119.3460, 25.4654, -1.1804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.3460, 25.4654,
-1.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	766EAB
RGB	118, 110, 171
RGB Percent	46%, 43%, 67%
CMY	0.5373, 0.5686, 0.3294
CMYK	0.31, 0.36, 0.00, 0.33
HSL	248°, 27%, 55%
HSV	248°, 36%, 67%
XYZ	20.3978, 17.9437, 40.9165
YIQ	119.3460, -14.8130, 20.6670

Conversions

Conversions Part 2

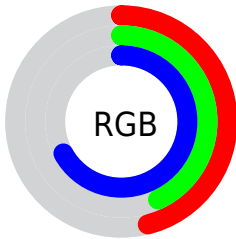
Format	Color
R_{YB}	118, 110, 171
Decimal	7761579
CIE _{Lab}	49.43, 17.34, -31.52
CIE _{LCh}	49, 35.973, 298.814
Yxy	17.9437, 0.2574, 0.2264
Android (android.graphics.Color)	4285951659 (0xFF766EAB)
YUV	119.3460, 25.4654, -1.1804
Hunter-Lab	42.3600, 11.8241, -27.6176

Details

The YUV color **119.3460, 25.4654, -1.1804** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **161.6540, -25.4654, 1.1804**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4000, 26.9178, -0.3508**, and **69.8790, 23.7237, -2.5249** is the 20% darker color. If you saturate the color by 10%, you get **104.8820, 32.5962, -1.6505**, and if you desaturate by 10%, it is **133.8100, 18.3347, -0.7104**.

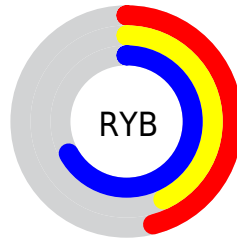
Distribution



Red (46%)

Green (43%)

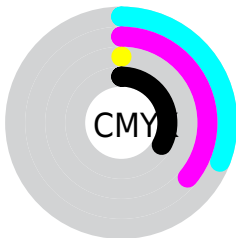
Blue (67%)



Red (46%)

Yellow (43%)

Blue (67%)

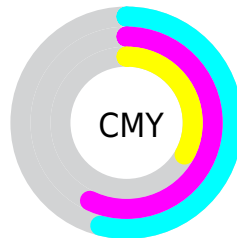


Cyan (31%)

Magenta (36%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (57%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3460, 25.4654, -1.1804 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 119.3460, 25.4654, -1.1804 by changing the saturation by 10% instead.

■ 119.3460, 25.4654,
-1.1804

■ 119.3460, 25.4654,
-1.1804

■ 255.0000, 0.0000,
0.0000

■ 94.4060, 24.4498,
-2.1101

■ 172.4000, 26.9178,
-0.3508

■ 69.8790, 23.7237,
-2.5249

■ 199.5140, 27.3546,
-0.4508

■ 47.2270, 22.5661,
-4.5841

■ 224.0340, 15.2662,
3.4782

■ 24.3900, 21.9927,
-7.3580

■ 249.1300, 2.8939,
5.1480

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 119.3460, 25.4654,
-1.1804

■ 119.3460, 25.4654,
-1.1804

■ 104.8820, 32.5962,
-1.6505

■ 133.8100, 18.3347,
-0.7104

■ 90.4180, 39.7269,
-2.1206

■ 148.2740, 11.2039,
-0.2403

■ 75.9540, 46.8577,
-2.5907

■ 162.7380, 4.0732,
0.2298

■ 61.7890, 53.8410,
-2.4460

■ 176.9030, -2.9102,
0.0851

■ 47.3250, 60.9718,
-2.9160

■ 191.3670,
-10.0409, 0.5551

■ 32.2740, 68.3919,
-2.8713

■ 206.4180,
-17.4611, 0.5104

■ 26.0720, 71.4495,
-3.5711

■ 220.8820,
-24.5918, 0.9805

■ 235.3460,
-31.7226, 1.4506

■ 244.5270,
-36.2488, 6.5538

Harmonies

Analogous

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



110.1560, 33.4471, -41.3558



119.3460, 25.4654, -1.1804



121.2590, 14.1693, 28.7139

Triad

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



119.3460, 25.4654, -1.1804



116.7110, -25.0005, 38.8415



91.1810, 11.7428, -79.9657

Complementary

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



119.3460, 25.4654, -1.1804



161.6540, -25.4654, 1.1804

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.



106.3320, -10.5167, -33.6172



119.3460, 25.4654, -1.1804



114.7380, -29.4508, 19.5238

Square

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



119.3460, 25.4654, -1.1804



118.0510, -13.8291, 49.0673



111.5500, -24.4281, -4.8673



94.7150, 25.2835, -83.0651

Rectangle

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



119.3460, 25.4654, -1.1804



120.5290, 4.6692, 42.5091



111.5500, -24.4281, -4.8673



98.7230, 3.0946, -59.3931

Sweetspot

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



119.3460, 25.4654, -1.1804



201.0460, 10.3303, -0.0403



148.6520, 11.0176, -33.8978



100.1940, 5.8204, -0.1701



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



119.3460, 25.4654, -1.1804



140.8310, 40.0163, -1.6058



128.3160, 21.0432, 17.2629



79.3250, 3.7838, -0.2850



23.0800, 62.5716, -2.7012



3.5190, 9.6041, -0.4552

Inverse Universe

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



134.2810, 14.1585, 32.2026



164.1660, 22.1032, 50.7204



152.6840, -21.0432, -17.2629



81.6030, 2.1677, 4.7332



59.7840, 35.1095, 79.1194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 119.3460, 25.4654, -1.1804 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 119.3460, 25.4654, -1.1804 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 119.3460, 25.4654, -1.1804

Background



This preview shows how black text looks on a background with the YUV color 119.3460, 25.4654, -1.1804.



This preview shows how white text looks on a background with the YUV color 119.3460, 25.4654, -1.1804.

-1.1804.

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

119.3460, 25.4654, -1.1804

Protanopia

116.5720, 29.2980, -17.1646

Deuteranopia

116.4750, 26.3878, -17.0796



Tritanopia

117.0360, 5.4053, -7.0476

Trichromacy



Original Color

119.3460, 25.4654, -1.1804

Protanomaly

117.5620, 27.8239, -11.0169

Deuteranomaly

117.6930, 25.7874, -11.1318

Tritanomaly

117.9960, 12.8200, -5.2585

Monochromacy



Original Color

119.3460, 25.4654, -1.1804

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.4050, 9.1673, -0.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3460, 25.4654, -1.1804 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, 110, 171)` looks like.

```
.text, #text, p{  
    color:rgb(118, 110, 171)  
}
```

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, 110, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 110, 171) }
```

Border

The CSS property to change the border of an element to YUV 119.3460, 25.4654, -1.1804 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, 110, 171) }
```


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

```
.border{ border-color:rgb(118, 110, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 110, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 110, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 110, 171);  
box-shadow:4px 4px 4px 4px rgb(118, 110,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 119.3460, 25.4654, -1.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 110, 171) }
```

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

```
.background{ background-color: rgb(118,  
110, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor