

Converting Colors

YUV(119.1840, 21.1083,
-3.6694)

Have a look what the booklet for
YUV(119.1840, 21.1083, -3.6694)
contains.

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Color

**YUV(119.1840, 21.1083,
-3.6694)**

Conversions

Conversions Part 1

Format	Color
Hex	7371A2
RGB	115, 113, 162
RGB Percent	45%, 44%, 64%
CMY	0.5490, 0.5569, 0.3647
CMYK	0.29, 0.30, 0.00, 0.36
HSL	242°, 21%, 54%
HSV	242°, 30%, 64%
XYZ	19.4969, 18.0637, 36.6415
YIQ	119.1840, -14.5370, 15.6630

Conversions

Conversions Part 2

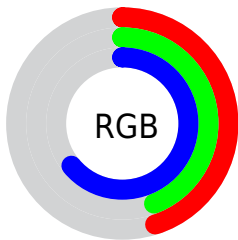
Format	Color
RYB	115, 113, 162
Decimal	7565730
CIELab	49.57, 12.24, -26.06
CIELCh	50, 28.786, 295.157
Yxy	18.0637, 0.2628, 0.2434
Android (android.graphics.Color)	4285755810 (0xFF7371A2)
YUV	119.1840, 21.1083, -3.6694
Hunter-Lab	42.5014, 7.5069, -21.3643

Details

The YUV color **119.1840, 21.1083, -3.6694** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **155.8160, -21.1083, 3.6694**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8250, 22.2713, -3.3545**, and **70.1300, 19.6559, -4.4990** is the 20% darker color. If you saturate the color by 10%, you get **105.0080, 28.0971, -5.2690**, and if you desaturate by 10%, it is **133.3600, 14.1195, -2.0697**.

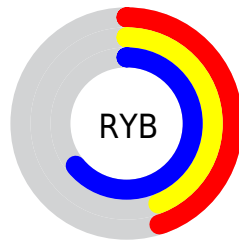
Distribution



Red (45%)

Green (44%)

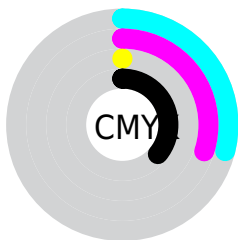
Blue (64%)



Red (45%)

Yellow (44%)

Blue (64%)

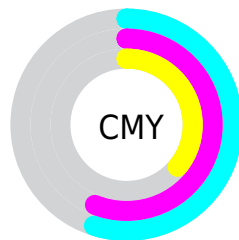


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1840, 21.1083, -3.6694 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 119.1840, 21.1083, -3.6694 by changing the saturation by 10% instead.

■ 119.1840, 21.1083,
-3.6694

■ 119.1840, 21.1083,
-3.6694

255.0000, 0.0000,
0.0000

■ 94.6570, 20.3821,
-4.0842

■ 171.8250, 22.2713,
-3.3545

■ 70.1300, 19.6559,
-4.4990

■ 199.3520, 22.9975,
-2.9397

■ 47.3040, 19.0771,
-5.5286

■ 225.1860, 14.6983,
-1.0401

■ 25.3530, 18.0670,
-8.2026

■ 250.2930, 2.3206,
2.3740

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 119.1840, 21.1083,
-3.6694

■ 119.1840, 21.1083,
-3.6694

■ 105.0080, 28.0971,
-5.2690

■ 133.3600, 14.1195,
-2.0697

■ 91.1310, 34.9384,
-6.2539

■ 147.2370, 7.2782,
-1.0848

■ 76.3680, 42.2166,
-7.3387

■ 162.0000, 0.0000,
0.0000

■ 62.4910, 49.0579,
-8.3236

■ 175.8770, -6.8414,
0.9849

■ 48.3150, 56.0467,
-9.9233

■ 190.0530,
-13.8301, 2.5845

■ 34.4380, 62.8881,
-10.9081

■ 203.9300,
-20.6715, 3.5694

■ 20.5610, 69.7294,
-11.8930

■ 218.1060,
-27.6603, 5.1690

■ 232.5700,
-34.7910, 5.6391

■ 244.3980,
-40.6222, 9.2980

Harmonies

Analogous

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



112.3760, 26.4366, -32.7788



119.1840, 21.1083, -3.6694



121.0470, 12.3018, 21.0068

Triad

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



119.1840, 21.1083, -3.6694



118.4590, -19.4533, 32.9235



105.3270, 3.7828, -46.7678

Complementary

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



119.1840, 21.1083, -3.6694



155.8160, -21.1083, 3.6694

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.



110.3980, -10.5492, -23.1510



119.1840, 21.1083, -3.6694



116.6330, -23.4831, 18.7389

Square

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



119.1840, 21.1083, -3.6694



119.2070, -10.4551, 40.1605



114.3100, -20.3658, -1.1489



97.4130, 20.0094, -71.3992

Rectangle

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



119.1840, 21.1083, -3.6694



120.8760, 4.9911, 32.5577



114.3100, -20.3658, -1.1489



107.1170, -1.0437, -38.6906

Sweetspot

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



119.1840, 21.1083, -3.6694



195.1660, 8.2992, -1.8996



146.1750, 7.8017, -29.0945



96.6670, 5.0942, -0.5850



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



119.1840, 21.1083, -3.6694



144.9740, 33.0438, -5.2392



126.3600, 17.5705, 11.0853



74.3250, 3.7838, -0.2850



18.3240, 62.4513, -10.8081



2.3510, 7.7150, -1.1848

Inverse Universe

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



133.0090, 13.3066, 25.4251



166.4590, 20.9727, 39.9395



148.6400, -17.5705, -11.0853



76.6030, 2.1677, 4.7332



59.2010, 39.3409, 75.2457



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 119.1840, 21.1083, -3.6694 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 119.1840, 21.1083, -3.6694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

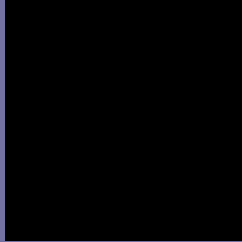
Any Text WCAG AA ✓ Pass

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 119.1840, 21.1083, -3.6694 Background



This preview shows how black text looks on a background with the YUV color 119.1840, 21.1083, -3.6694.



This preview shows how white text looks on a background with the YUV color 119.1840, 21.1083, -3.6694.

-3.6694.

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

119.1840, 21.1083, -3.6694

Protanopia

117.5850, 22.8826, -12.7910

Deuteranopia

117.5420, 21.4248, -11.8763



Tritanopia

116.8510, 5.9895, -7.7623

Trichromacy



Original Color

119.1840, 21.1083, -3.6694

Protanomaly

118.0800, 22.1456, -9.7172

Deuteranomaly

118.1510, 21.1246, -8.9024

Tritanomaly

117.9420, 11.3676, -6.0881

Monochromacy



Original Color

119.1840, 21.1083, -3.6694

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3510, 7.7150, -1.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1840, 21.1083, -3.6694 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, 113, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 113, 162)  
}
```

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, 113, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 113, 162) }
```

Border

The CSS property to change the border of an element to YUV 119.1840, 21.1083, -3.6694 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, 113, 162) }
```


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

```
.border{ border-color:rgb(115, 113, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 113, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 113, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 113, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 113,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 119.1840, 21.1083, -3.6694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 113, 162) }
```

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

```
.background{ background-color: rgb(115,  
113, 162) }
```

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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