

Converting Colors

YUV(119.4550, 23.4397,
-4.7840)

Have a look what the booklet for
YUV(119.4550, 23.4397, -4.7840)
contains.

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Color

**YUV(119.4550, 23.4397,
-4.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	7271A7
RGB	114, 113, 167
RGB Percent	45%, 44%, 65%
CMY	0.5529, 0.5569, 0.3451
CMYK	0.32, 0.32, 0.00, 0.35
HSL	241°, 23%, 55%
HSV	241°, 32%, 65%
XYZ	19.8196, 18.1777, 39.0233
YIQ	119.4550, -16.7380, 17.0060

Conversions

Conversions Part 2

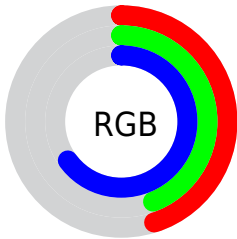
Format	Color
R_{YB}	114, 113, 167
Decimal	7500199
CIE _{Lab}	49.71, 13.26, -28.77
CIE _{LCh}	50, 31.679, 294.748
Yxy	18.1777, 0.2573, 0.2360
Android (android.graphics.Color)	4285690279 (0xFF7271A7)
YUV	119.4550, 23.4397, -4.7840
Hunter-Lab	42.6353, 8.3664, -24.4223

Details

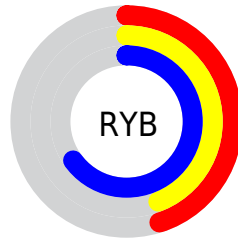
The YUV color **119.4550, 23.4397, -4.7840** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **160.5450, -23.4397, 4.7840**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0960, 24.6027, -4.4692**, and **70.4010, 21.9873, -5.6137** is the 20% darker color. If you saturate the color by 10%, you get **104.6920, 30.7178, -5.8689**, and if you desaturate by 10%, it is **134.2180, 16.1615, -3.6992**.

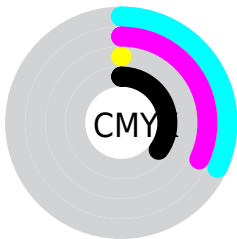
Distribution



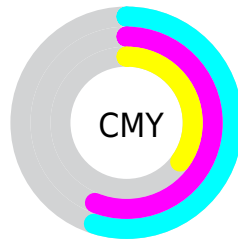
- Red (45%)
- Green (44%)
- Blue (65%)



- Red (45%)
- Yellow (44%)
- Blue (65%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (55%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4550, 23.4397, -4.7840 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 119.4550, 23.4397, -4.7840 by changing the saturation by 10% instead.

■ 119.4550, 23.4397,
-4.7840

■ 119.4550, 23.4397,
-4.7840

■ 255.0000, 0.0000,
0.0000

■ 94.5150, 22.4241,
-5.7137

■ 172.0960, 24.6027,
-4.4692

■ 70.4010, 21.9873,
-5.6137

■ 199.6230, 25.3289,
-4.0544

■ 47.1620, 21.1191,
-7.1581

■ 224.8870, 14.8457,
-1.6549

■ 24.6130, 20.4038,
-11.0616

■ 249.9940, 2.4680,
1.7593

■ 5.0160, 19.2191,
-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 119.4550, 23.4397,
-4.7840

■ 119.4550, 23.4397,
-4.7840

■ 104.6920, 30.7178,
-5.8689

■ 134.2180, 16.1615,
-3.6992

■ 90.2170, 37.8540,
-8.0833

■ 148.6930, 9.0254,
-1.4848

■ 75.4540, 45.1322,
-9.1682

■ 163.4560, 1.7472,
-0.3999

■ 60.3920, 52.5577,
-10.8678

■ 178.5180, -5.6784,
1.2997

■ 45.6290, 59.8359,
-11.9526

■ 192.6940,
-12.6671, 2.8994

■ 31.4530, 66.8247,
-13.5523

■ 207.4570,
-19.9453, 3.9842

■ 19.9350, 72.5030,
-14.8520

■ 222.5190,
-27.3709, 5.6838

■ 237.2820,
-34.6490, 6.7687

■ 244.9680,
-38.4382, 8.7981

Harmonies

Analogous

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



111.4400, 29.3631, -38.0969



119.4550, 23.4397, -4.7840



121.5140, 14.0436, 22.3512

Triad

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



119.4550, 23.4397, -4.7840



118.6120, -21.5007, 36.2973



102.5110, 4.6781, -53.9451

Complementary

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



119.4550, 23.4397, -4.7840



160.5450, -23.4397, 4.7840

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.



109.7460, -11.7068, -25.2102



119.4550, 23.4397, -4.7840



116.6610, -25.9619, 20.4683

Square

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



119.4550, 23.4397, -4.7840



119.4140, -11.0501, 44.3639



113.7400, -22.5498, -0.6490



93.4440, 22.9521, -81.9504

Rectangle

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



119.4550, 23.4397, -4.7840



121.7130, 5.5645, 35.3317



113.7400, -22.5498, -0.6490



105.3830, -1.1748, -43.3089

Sweetspot

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



119.4550, 23.4397, -4.7840



197.5080, 9.6096, -2.1995



150.2670, 8.2494, -32.6832



97.8950, 5.9678, -0.7849



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.



119.4550, 23.4397, -4.7840



142.2880, 36.8330, -7.2686



127.5280, 19.4597, 11.8149



76.9120, 3.4944, -0.7998



17.7690, 64.2039, -12.9524



2.2800, 8.7360, -1.9996

Inverse Universe

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



135.1880, 15.1903, 27.8991



166.8770, 23.7246, 43.9579



152.4720, -19.4597, -11.8149



79.3040, 2.3151, 4.1184



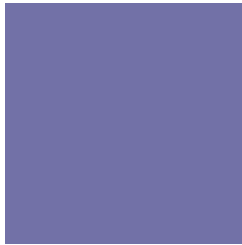
60.7820, 41.5195, 76.4902



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 119.4550, 23.4397, -4.7840 looks on a white background.

Color Contrast Check

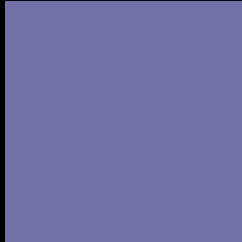
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4550, 23.4397, -4.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

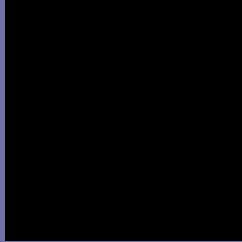
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4550, 23.4397, -4.7840

Background



This preview shows how black text looks on a background with the YUV color 119.4550, 23.4397, -4.7840.



This preview shows how white text looks on a background with the YUV color 119.4550, 23.4397, -4.7840.

-4.7840.

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

119.4550, 23.4397, -4.7840

Protanopia

117.6710, 25.7982, -14.6205

Deuteranopia

117.8020, 23.7616, -14.7354



Tritanopia

116.9540, 6.4317, -9.6067

Trichromacy



Original Color

119.4550, 23.4397, -4.7840

Protanomaly

118.4650, 24.9138, -10.9318

Deuteranomaly

118.7100, 23.3140, -11.1467

Tritanomaly

117.5720, 12.5360, -7.5176

Monochromacy



Original Color

119.4550, 23.4397, -4.7840

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1660, 8.2992, -1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4550, 23.4397, -4.7840 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(114, 113, 167)` looks like.

```
.text, #text, p{  
    color:rgb(114, 113, 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(114, 113, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 113, 167) }
```

Border

The CSS property to change the border of an element to YUV 119.4550, 23.4397, -4.7840 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(114, 113, 167) }
```


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

```
.border{ border-color:rgb(114, 113, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 113, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 113, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 113, 167);  
box-shadow:4px 4px 4px 4px rgb(114, 113,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 119.4550, 23.4397, -4.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 113, 167) }
```

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

```
.background{ background-color: rgb(114,  
113, 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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