

Converting Colors

YUV(119.9390, 2.4951, -6.9625)

Have a look what the booklet for
YUV(119.9390, 2.4951, -6.9625)
contains.

YUV(119.9390, 2.4951, -6.9625)	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(119.9390, 2.4951,
-6.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	707B7D
RGB	112, 123, 125
RGB Percent	44%, 48%, 49%
CMY	0.5608, 0.5176, 0.5098
CMYK	0.10, 0.02, 0.00, 0.51
HSL	189°, 5%, 46%
HSV	189°, 10%, 49%
XYZ	17.4667, 19.0913, 22.1664
YIQ	119.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 118, 125
Decimal	7371645
CIE Lab	50.79, -3.64, -2.49
CIE LCh	51, 4.409, 214.426
Yxy	19.0913, 0.2974, 0.3251
Android (android.graphics.Color)	4285561725 (0xFF707B7D)
YUV	119.9390, 2.4951, -6.9625
Hunter-Lab	43.6936, -5.1077, 0.5068

Details

The YUV color **119.9390, 2.4951, -6.9625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.0610, -2.4951, 6.9625**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0530, 2.9319, -7.0625**, and **71.2380, 2.3477, -6.3477** is the 20% darker color. If you saturate the color by 10%, you get **115.1770, 4.8427, -13.3102**, and if you desaturate by 10%, it is **125.0000, 0.0000, 0.0000**.

Distribution



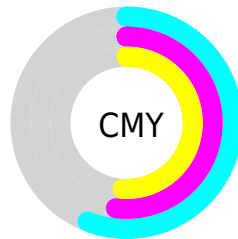
- Red (44%)
- Green (48%)
- Blue (49%)



- Red (44%)
- Yellow (46%)
- Blue (49%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9390, 2.4951, -6.9625 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 119.9390, 2.4951, -6.9625 by changing the saturation by 10% instead.

■ 119.9390, 2.4951,
-6.9625

■ 119.9390, 2.4951,
-6.9625

■ 255.0000, 0.0000,
0.0000

■ 95.2380, 2.3477,
-6.3477

■ 172.0530, 2.9319,
-7.0625

■ 71.2380, 2.3477,
-6.3477

■ 199.6400, 2.6425,
-7.5773

■ 49.2380, 2.3477,
-6.3477

■ 227.6400, 2.6425,
-7.5773

■ 28.1240, 1.9109,
-6.2477

■ 252.6080, 1.1793,
-4.9182

■ 4.5480, 2.1948,
-3.9886

■ 0.0000, 0.0000,
0.0000

■ 119.9390, 2.4951,
-6.9625

■ 119.9390, 2.4951,
-6.9625

■ 115.1770, 4.8427,
-13.3102

■ 125.0000, 0.0000,
0.0000

■ 110.1160, 7.3378,
-20.2727

■ 129.7620, -2.3477,
6.3477

■ 105.3540, 9.6855,
-26.6205

■ 134.5240, -4.6953,
12.6955

■ 100.2930, 12.1806,
-33.5830

■ 139.5850, -7.1904,
19.6580

■ 95.5310, 14.5282,
-39.9307

■ 144.3470, -9.5381,
26.0057

■ 90.4700, 17.0233,
-46.8932

■ 149.4080,
-12.0331, 32.9682

■ 85.9960, 19.2290,
-54.3705

■ 153.8820,
-14.2388, 40.4455

■ 81.2340, 21.5766,

■ 158.6440,

-60.7182

-16.5865, 46.7932

■ 76.4720, 23.9243,
-67.0659

■ 163.4060,
-18.9342, 53.1409

Harmonies

Analogous

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



119.4830, 0.7479, -6.5626



119.9390, 2.4951, -6.9625



120.2920, 3.8000, -5.5181

Triad

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



119.9390, 2.4951, -6.9625



121.6630, 1.1521, 3.8035



120.9850, -3.9366, 2.6442

Complementary

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



119.9390, 2.4951, -6.9625



117.0610, -2.4951, 6.9625

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.



121.4090, -3.6526, 4.9033



119.9390, 2.4951, -6.9625



121.5170, -0.7479, 6.5626

Square

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



119.9390, 2.4951, -6.9625



121.3960, 2.7628, 0.5297



121.7620, -2.3477, 6.3477



120.3050, -2.6154, -1.1445

Rectangle

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



119.9390, 2.4951, -6.9625



120.3030, 3.7946, -3.7737



121.7620, -2.3477, 6.3477



120.8110, -3.3578, 3.6738

Sweetspot

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



119.9390, 2.4951, -6.9625



160.9180, 1.0264, -2.5591



119.8590, -2.8885, -6.8923



80.2170, 0.8790, -1.9443



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



119.9390, 2.4951, -6.9625



155.5580, 3.6689, -10.1364



116.4170, 4.2314, -3.8737



61.3200, 1.3212, -3.7886



77.9880, 24.6559, -68.3955



0.0000, 0.0000, 0.0000

Inverse Universe

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



117.1410, 2.8885, 6.8923



151.5050, 4.1880, 10.0811



120.5830, -4.2314, 3.8737



59.7770, 1.5889, 3.7036



50.5840, 28.3061, 67.8938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.9390, 2.4951, -6.9625 looks on a white background.

Color Contrast Check

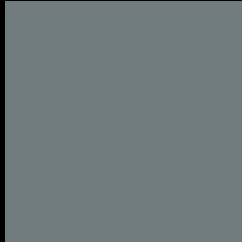
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9390, 2.4951, -6.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

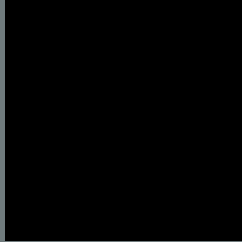
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

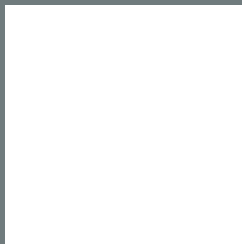
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.9390, 2.4951, -6.9625

Background



This preview shows how black text looks on a background with the YUV color 119.9390, 2.4951, -6.9625.



This preview shows how white text looks on a background with the YUV color 119.9390, 2.4951,

-6.9625.

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

119.9390, 2.4951, -6.9625

Protanopia

120.9400, 1.0156, 0.9296

Deuteranopia

121.9130, 2.0149, 7.0923



Tritanopia

120.4490, 5.6946, -6.5328

Trichromacy



Original Color

119.9390, 2.4951, -6.9625

Protanomaly

120.4450, 1.7526, -2.1443

Deuteranomaly

120.9940, 2.4680, 1.7593

Tritanomaly

120.1070, 4.3842, -6.2328

Monochromacy



Original Color

119.9390, 2.4951, -6.9625

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9180, 1.0264, -2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9390, 2.4951, -6.9625 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(112, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(112, 123, 125)  
}
```

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(112, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 123, 125) }
```

Border

The CSS property to change the border of an element to YUV 119.9390, 2.4951, -6.9625 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(112, 123, 125) }
```


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

```
.border{ border-color:rgb(112, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(112, 123,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 119.9390, 2.4951, -6.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 123, 125) }
```

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

```
.background{ background-color: rgb(112,  
123, 125) }
```

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