

Converting Colors

YUV(119.0720, 14.2615,
-0.9401)

Have a look what the booklet for
YUV(119.0720, 14.2615, -0.9401)
contains.

YUV(119.0720, 14.2615, -0.9401)	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(119.0720, 14.2615,
-0.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	767294
RGB	118, 114, 148
RGB Percent	46%, 45%, 58%
CMY	0.5373, 0.5529, 0.4196
CMYK	0.20, 0.23, 0.00, 0.42
HSL	247°, 14%, 51%
HSV	247°, 23%, 58%
XYZ	18.8338, 18.0243, 30.5034
YIQ	119.0720, -8.5300, 11.4220

Conversions

Conversions Part 2

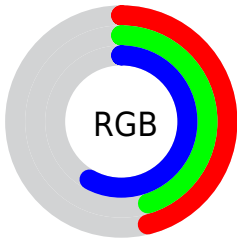
Format	Color
R_{YB}	118, 114, 148
Decimal	7762580
CIE Lab	49.53, 9.06, -17.89
CIE LCh	50, 20.054, 296.861
Yxy	18.0243, 0.2796, 0.2676
Android (android.graphics.Color)	4285952660 (0xFF767294)
YUV	119.0720, 14.2615, -0.9401
Hunter-Lab	42.4550, 4.8895, -12.8805

Details

The YUV color **119.0720, 14.2615, -0.9401** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.9280, -14.2615, 0.9401**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5990, 14.9877, -0.5253**, and **70.4310, 13.0985, -1.2550** is the 20% darker color. If you saturate the color by 10%, you get **106.3800, 20.5187, -1.2103**, and if you desaturate by 10%, it is **131.7640, 8.0043, -0.6700**.

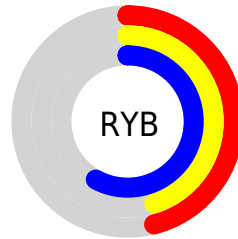
Distribution



Red (46%)

Green (45%)

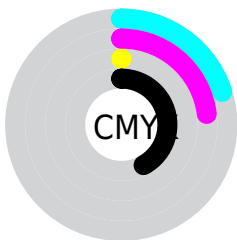
Blue (58%)



Red (46%)

Yellow (45%)

Blue (58%)

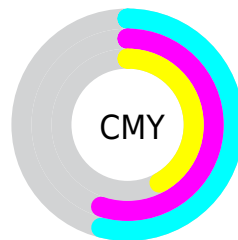


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0720, 14.2615, -0.9401 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 119.0720, 14.2615, -0.9401 by changing the saturation by 10% instead.

■ 119.0720, 14.2615,
-0.9401

■ 119.0720, 14.2615,
-0.9401

■ 255.0000, 0.0000,
0.0000

■ 94.5450, 13.5353,
-1.3550

■ 171.5990, 14.9877,
-0.5253

■ 70.4310, 13.0985,
-1.2550

■ 198.7130, 15.4245,
-0.6253

■ 47.9040, 12.3723,
-1.6698

■ 226.3710, 14.1141,
-0.3254

■ 27.0780, 11.7935,
-2.6994

■ 251.4780, 1.7363,
3.0888

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

■ 119.0720, 14.2615,
-0.9401

■ 119.0720, 14.2615,
-0.9401

■ 106.3800, 20.5187,
-1.2103

■ 131.7640, 8.0043,
-0.6700

■ 93.6880, 26.7758,
-1.4804

■ 144.4560, 1.7472,
-0.3999

■ 81.5830, 32.7436,
-2.2653

■ 156.5610, -4.2206,
0.3850

■ 68.8910, 39.0007,
-2.5354

■ 169.2530,
-10.4777, 0.6551

■ 56.1990, 45.2579,
-2.8055

■ 181.9450,
-16.7349, 0.9252

■ 43.5070, 51.5150,
-3.0756

■ 194.6370,
-22.9920, 1.1954

■ 30.8150, 57.7722,
-3.3458


■ 207.3290,
-29.2492, 1.4655

■ 21.9550, 62.1402,

■ 219.4340,

-4.3455

-35.2170, 2.2504

 232.4250,
-41.6215, 3.1353

Harmonies

Analogous

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



115.7600, 17.3733, -19.0835



119.0720, 14.2615, -0.9401



120.8630, 7.9555, 15.0291

Triad

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



119.0720, 14.2615, -0.9401



118.1850, -13.8952, 23.5168



110.3830, 2.2762, -30.1539

Complementary

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



119.0720, 14.2615, -0.9401



142.9280, -14.2615, 0.9401

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.



112.7670, -6.7871, -16.4587



119.0720, 14.2615, -0.9401



117.1360, -16.3360, 13.0357

Square

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



119.0720, 14.2615, -0.9401



119.4120, -8.0911, 28.5797



115.0310, -13.8193, -0.9042



109.6300, 11.0284, -37.3865

Rectangle

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



119.0720, 14.2615, -0.9401



120.5390, 2.6923, 23.2063



115.0310, -13.8193, -0.9042



111.4930, -1.2290, -25.8654

Sweetspot

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



119.0720, 14.2615, -0.9401



179.7810, 5.5310, -0.6849



135.4860, 6.1694, -18.8432



90.2110, 3.3470, -0.1850



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



119.0720, 14.2615, -0.9401



145.8360, 22.2659, -1.6102



124.1550, 11.7556, 9.5111



67.7980, 3.0576, -0.6998



20.5160, 57.9196, -3.9605



1.4390, 4.2206, -0.3850

Inverse Universe

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



127.5860, 8.0921, 17.9031



159.2050, 12.7169, 27.8842



137.8450, -11.7556, -9.5111



69.7770, 1.5889, 3.7036



55.1700, 32.9472, 72.6419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 119.0720, 14.2615, -0.9401 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 119.0720, 14.2615, -0.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

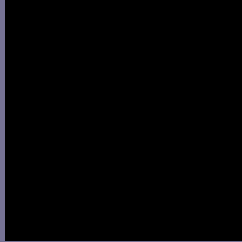
Any Text WCAG AA ✓ Pass

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 119.0720, 14.2615, -0.9401 Background



This preview shows how black text looks on a background with the YUV color 119.0720, 14.2615, -0.9401.



This preview shows how white text looks on a background with the YUV color 119.0720, 14.2615, -0.9401.

-0.9401.

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

119.0720, 14.2615, -0.9401

Protanopia

117.7830, 15.8830, -7.7027

Deuteranopia

118.4630, 14.5617, -3.9141



Tritanopia

117.8300, 4.5208, -3.3589

Trichromacy



Original Color

119.0720, 14.2615, -0.9401

Protanomaly

117.9790, 15.2934, -5.2436

Deuteranomaly

118.7620, 14.4143, -3.2993

Tritanomaly

118.4540, 8.1572, -3.0292

Monochromacy



Original Color

119.0720, 14.2615, -0.9401

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0720, 14.2615, -0.9401 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, 114, 148)` looks like.

```
.text, #text, p{  
    color:rgb(118, 114, 148)  
}
```

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, 114, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 114, 148) }
```

Border

The CSS property to change the border of an element to YUV 119.0720, 14.2615, -0.9401 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, 114, 148) }
```


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

```
.border{ border-color:rgb(118, 114, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 114, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 114, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 114, 148);  
box-shadow:4px 4px 4px 4px rgb(118, 114,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 119.0720, 14.2615, -0.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 114, 148) }
```

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

```
.background{ background-color: rgb(118,  
114, 148) }
```

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