

Converting Colors

YUV(114.4150, 40.7144,
-38.9520)

Have a look what the booklet for
YUV(114.4150, 40.7144, -38.9520)
contains.

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Color

**YUV(114.4150, 40.7144,
-38.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	4679C5
RGB	70, 121, 197
RGB Percent	27%, 47%, 77%
CMY	0.7255, 0.5255, 0.2275
CMYK	0.64, 0.39, 0.00, 0.23
HSL	216°, 52%, 52%
HSV	216°, 64%, 77%
XYZ	19.4412, 19.0081, 55.4676
YIQ	114.4150, -54.7920, 12.8240

Conversions

Conversions Part 2

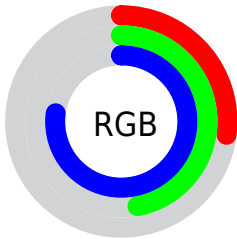
Format	Color
R _Y B	70, 106, 197
Decimal	4618693
CIE Lab	50.70, 7.11, -44.74
CIE LCh	51, 45.299, 279.035
Yxy	19.0081, 0.2070, 0.2024
Android (android.graphics.Color)	4282808773 (0xFF4679C5)
YUV	114.4150, 40.7144, -38.9520
Hunter-Lab	43.5982, 3.2993, -44.9126

Details

The YUV color **114.4150, 40.7144, -38.9520** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **152.5850, -40.7144, 38.9520**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3770, 41.7191, -34.5336**, and **59.1530, 41.3366, -51.8772** is the 20% darker color. If you saturate the color by 10%, you get **101.3910, 47.1352, -45.0699**, and if you desaturate by 10%, it is **127.4390, 34.2936, -32.8340**.

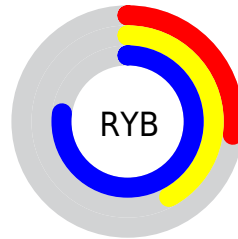
Distribution



Red (27%)

Green (47%)

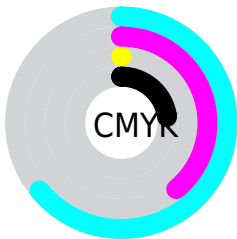
Blue (77%)



Red (27%)

Yellow (42%)

Blue (77%)

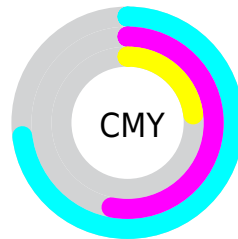


Cyan (64%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4150, 40.7144, -38.9520 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 114.4150, 40.7144, -38.9520 by changing the saturation by 10% instead.

■ 114.4150, 40.7144,
-38.9520

■ 114.4150, 40.7144,
-38.9520

■ 255.0000, 0.0000,
0.0000

■ 85.7840, 41.0255,
-45.4146

■ 169.3770, 41.7191,
-34.5336

■ 59.1530, 41.3366,
-51.8772

■ 194.0110, 30.0676,
-30.7046

■ 43.2750, 36.3464,
-37.9522

■ 219.1180, 17.6898,
-27.2905

■ 28.6850, 31.2143,
-25.1567

■ 243.6380, 5.6015,
-23.3615

■ 10.1000, 28.5447,
-8.8577

■ 252.6080, 1.1793,
-4.9182

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 114.4150, 40.7144,
-38.9520

■ 114.4150, 40.7144,
-38.9520

■ 101.3910, 47.1352,
-45.0699

■ 127.4390, 34.2936,
-32.8340

■ 88.6660, 53.4087,
-50.5731

■ 140.1640, 28.0201,
-27.3308

■ 76.2290, 59.5401,
-57.2058

■ 152.6010, 21.8887,
-20.6981

■ 68.8310, 63.1873,
-60.3648

■ 165.6250, 15.4679,
-14.5801

■ 178.6490, 9.0470,
-8.4622

■ 191.3740, 2.7736,
-2.9590

■ 204.3980, -3.6472,
3.1590

■ 216.8350, -9.7787,
9.7917

■ 229.5600,
-16.0521, 15.2949

Harmonies

Analogous

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



99.3720, 45.6656, -87.1492



114.4150, 40.7144, -38.9520



124.1180, 28.0428, 12.1745

Triad

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



114.4150, 40.7144, -38.9520



119.2280, -22.2974, 58.5590



96.5770, -2.2565, -69.7890

Complementary

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



114.4150, 40.7144, -38.9520



152.5850, -40.7144, 38.9520

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.



111.0060, -26.1320, -18.4223



114.4150, 40.7144, -38.9520



118.3770, -35.1889, 40.0114

Square

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



114.4150, 40.7144, -38.9520



120.4300, -5.1420, 62.7669



115.2290, -37.5809, 13.8312



97.2280, 17.1426, -85.2690

Rectangle

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



114.4150, 40.7144, -38.9520



124.0520, 18.2154, 37.6654



115.2290, -37.5809, 13.8312



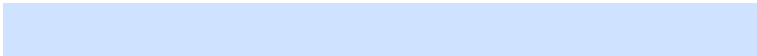
104.3860, -12.5153, -45.9425

Sweetspot

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



114.4150, 40.7144, -38.9520



223.6250, 15.4679, -14.5801



152.9850, -4.4296, -72.7778



108.4640, 9.6312, -9.1769



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



114.4150, 40.7144, -38.9520



127.1300, 63.0399, -59.7500



87.7670, 53.8519, -5.9347



92.7870, 3.0630, -2.4442



57.3240, 52.0983, -50.2731



12.3220, 11.6733, -10.8064

Inverse Universe

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



113.7870, 3.5560, 72.9778



126.4960, 5.1785, 112.6980



179.2330, -53.8519, 5.9347



93.0330, -0.0163, 5.2331



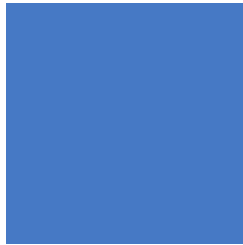
56.2610, 4.8013, 93.6101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 114.4150, 40.7144, -38.9520 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 114.4150, 40.7144, -38.9520 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 114.4150, 40.7144, -38.9520

Background



This preview shows how black text looks on a background with the YUV color 114.4150, 40.7144, -38.9520.



This preview shows how white text looks on a background with the YUV color 114.4150, 40.7144, -38.9520.

-38.9520.

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

114.4150, 40.7144, -38.9520

Protanopia

118.2920, 37.3240, -24.8121

Deuteranopia

115.0130, 40.4196, -37.7224



Tritanopia

105.4470, 18.5136, -58.2740

Trichromacy



Original Color

114.4150, 40.7144, -38.9520

Protanomaly

116.9000, 38.5033, -29.7303

Deuteranomaly

114.7140, 40.5670, -38.3372

Tritanomaly

108.6680, 26.7857, -51.4518

Monochromacy



Original Color

114.4150, 40.7144, -38.9520

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3970, 14.5943, -14.3802

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4150, 40.7144, -38.9520 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(70, 121, 197)` looks like.

```
.text, #text, p{  
    color:rgb(70, 121, 197)  
}
```

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(70, 121, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 121, 197) }
```

Border

The CSS property to change the border of an element to YUV 114.4150, 40.7144, -38.9520 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(70, 121, 197) }
```


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

```
.border{ border-color:rgb(70, 121, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 121, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 121, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 121, 197);  
box-shadow:4px 4px 4px 4px rgb(70, 121,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 114.4150, 40.7144, -38.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 121, 197) }
```

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

```
.background{ background-color: rgb(70, 121,  
197) }
```

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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