

Converting Colors

YUV(111.2720, 44.2359,
-48.4735)

Have a look what the booklet for
YUV(111.2720, 44.2359, -48.4735)
contains.

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Color

**YUV(111.2720, 44.2359,
-48.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	387AC9
RGB	56, 122, 201
RGB Percent	22%, 48%, 79%
CMY	0.7804, 0.5216, 0.2118
CMYK	0.72, 0.39, 0.00, 0.21
HSL	213°, 57%, 50%
HSV	213°, 72%, 79%
XYZ	19.1330, 18.9769, 57.9128
YIQ	111.2720, -64.6950, 10.5770

Conversions

Conversions Part 2

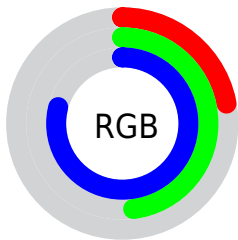
Format	Color
R _Y B	56, 101, 201
Decimal	3701449
CIE Lab	50.66, 5.71, -47.11
CIE LCh	51, 47.458, 276.906
Yxy	18.9769, 0.1993, 0.1976
Android (android.graphics.Color)	4281891529 (0xFF387AC9)
YUV	111.2720, 44.2359, -48.4735
Hunter-Lab	43.5624, 2.1646, -48.3276

Details

The YUV color **111.2720, 44.2359, -48.4735** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **145.7280, -44.2359, 48.4735**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0880, 43.3406, -41.2962**, and **60.0820, 42.3576, -52.6919** is the 20% darker color. If you saturate the color by 10%, you get **98.8350, 50.3673, -55.1063**, and if you desaturate by 10%, it is **123.7090, 38.1045, -41.8408**.

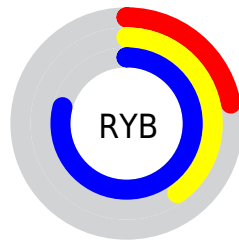
Distribution



Red (22%)

Green (48%)

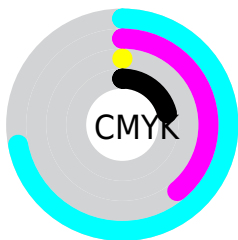
Blue (79%)



Red (22%)

Yellow (40%)

Blue (79%)

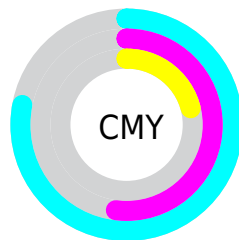


Cyan (72%)

Magenta (39%)

Yellow (0%)

Black (21%)



Cyan (78%)

Magenta (52%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2720, 44.2359, -48.4735 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 111.2720, 44.2359, -48.4735 by changing the saturation by 10% instead.

■ 111.2720, 44.2359,
-48.4735

■ 111.2720, 44.2359,
-48.4735

255.0000, 0.0000,
0.0000

■ 76.6610, 47.4951,
-67.2317

■ 167.0880, 43.3406,
-41.2962

■ 60.0820, 42.3576,
-52.6919

■ 191.9070, 31.1048,
-36.7524

■ 44.2040, 37.3674,
-38.7669

■ 217.0140, 18.7271,
-33.3383

■ 29.6140, 32.2353,
-25.9715

■ 241.2460, 6.7807,
-28.2797

■ 11.6160, 29.2763,
-10.1872

■ 250.2160, 2.3585,
-9.8364

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 111.2720, 44.2359,
-48.4735

■ 111.2720, 44.2359,
-48.4735

■ 98.8350, 50.3673,
-55.1063

■ 123.7090, 38.1045,
-41.8408

■ 86.3980, 56.4988,
-61.7390

■ 136.1460, 31.9730,
-35.2080

■ 76.3310, 61.4618,
-66.9423

■ 148.5830, 25.8416,
-28.5753

■ 161.0200, 19.7101,
-21.9425

■ 173.7560, 13.4313,
-14.6950

■ 186.1930, 7.2999,
-8.0623

■ 198.6300, 1.1684,
-1.4295

■ 211.0670, -4.9630,
5.2032

■ 223.5040,
-11.0945, 11.8360

Harmonies

Analogous

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



100.3010, 46.6866, -87.9640



111.2720, 44.2359, -48.4735



123.7910, 30.6690, 9.8303

Triad

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



111.2720, 44.2359, -48.4735



119.2500, -22.3083, 62.0478



94.8110, -3.8508, -71.7482

Complementary

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



111.2720, 44.2359, -48.4735



145.7280, -44.2359, 48.4735

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.



110.6210, -28.9002, -17.2076



111.2720, 44.2359, -48.4735



118.0570, -36.5101, 43.8000

Square

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



111.2720, 44.2359, -48.4735



120.1960, -3.5476, 64.7261



115.5560, -40.2071, 16.1754



96.8860, 15.8322, -84.9690

Rectangle

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



111.2720, 44.2359, -48.4735



124.2090, 20.1100, 36.6507



115.5560, -40.2071, 16.1754



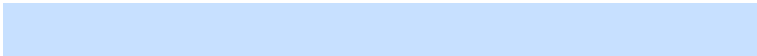
103.8160, -14.6993, -45.4426

Sweetspot

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



111.2720, 44.2359, -48.4735



220.0590, 17.2259, -18.4687



149.8930, -8.3282, -82.3442



106.6810, 10.5103, -11.1212



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.



111.2720, 44.2359, -48.4735



117.5950, 67.7407, -74.1898



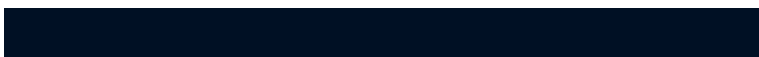
74.0250, 62.5987, -11.4229



93.3740, 2.7736, -2.9590



62.0200, 49.7831, -54.3915



13.4960, 11.0945, -11.8360

Inverse Universe

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



106.8790, 7.4547, 82.5441



110.8920, 11.3922, 126.3827



182.9750, -62.5987, 11.4229



93.1470, 0.4205, 5.1331



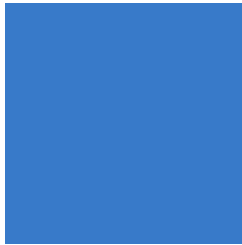
57.1730, 8.2957, 92.8103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 111.2720, 44.2359, -48.4735 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 111.2720, 44.2359, -48.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

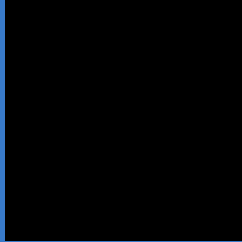
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.2720, 44.2359, -48.4735

Background



This preview shows how black text looks on a background with the YUV color 111.2720, 44.2359, -48.4735.



This preview shows how white text looks on a background with the YUV color 111.2720, 44.2359, -48.4735.

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

111.2720, 44.2359, -48.4735

Protanopia

117.4490, 39.2186, -25.8268

Deuteranopia

113.0770, 43.3460, -43.0405



Tritanopia

94.4870, 24.4099, -82.8651

Trichromacy



Original Color

111.2720, 44.2359, -48.4735

Protanomaly

115.1490, 40.8455, -34.3337

Deuteranomaly

112.1800, 43.7883, -44.8849

Tritanomaly

100.5130, 31.7921, -70.6099

Monochromacy



Original Color

111.2720, 44.2359, -48.4735

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1300, 16.2049, -17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2720, 44.2359, -48.4735 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(56, 122, 201)` looks like.

```
.text, #text, p{  
    color:rgb(56, 122, 201)  
}
```

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(56, 122, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 122, 201) }
```

Border

The CSS property to change the border of an element to YUV 111.2720, 44.2359, -48.4735 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(56, 122, 201) }
```


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

```
.border{ border-color:rgb(56, 122, 201) }
```

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

Here you see how a box with a 4 pixel rgb(56, 122, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 122, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 122, 201);  
box-shadow:4px 4px 4px 4px rgb(56, 122,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 111.2720, 44.2359, -48.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 122, 201) }
```

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

```
.background{ background-color: rgb(56, 122,  
201) }
```

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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