

Converting Colors

YUV(126.0420, 49.7723,
-50.9028)

Have a look what the booklet for
YUV(126.0420, 49.7723, -50.9028)
contains.

YUV(126.0420, 49.7723, -50.9028)	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(126.0420, 49.7723,
-50.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	4488E3
RGB	68, 136, 227
RGB Percent	27%, 53%, 89%
CMY	0.7333, 0.4667, 0.1098
CMYK	0.70, 0.40, 0.00, 0.11
HSL	214°, 74%, 58%
HSV	214°, 70%, 89%
XYZ	25.0532, 24.3833, 76.0591
YIQ	126.0420, -69.7390, 13.8850

Conversions

Conversions Part 2

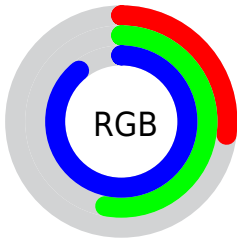
Format	Color
R _{YB}	68, 116, 227
Decimal	4491491
CIE _{Lab}	56.47, 8.22, -52.51
CIE _{LCh}	56, 53.149, 278.894
Yxy	24.3833, 0.1996, 0.1943
Android (android.graphics.Color)	4282681571 (0xFF4488E3)
YUV	126.0420, 49.7723, -50.9028
Hunter-Lab	49.3795, 4.1498, -56.7586

Details

The YUV color **126.0420, 49.7723, -50.9028** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **168.9580, -49.7723, 50.9028**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7800, 37.0835, -41.0261**, and **70.5630, 49.5154, -61.8838** is the 20% darker color. If you saturate the color by 10%, you get **111.5340, 56.9247, -58.3503**, and if you desaturate by 10%, it is **140.5500, 42.6198, -43.4554**.

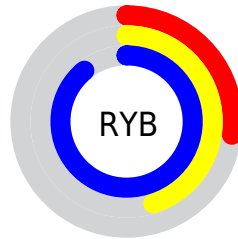
Distribution



Red (27%)

Green (53%)

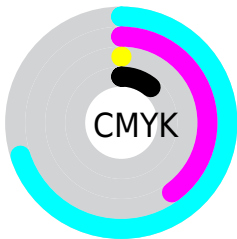
Blue (89%)



Red (27%)

Yellow (45%)

Blue (89%)

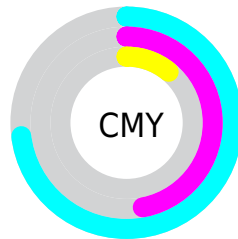


Cyan (70%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0420, 49.7723, -50.9028 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 126.0420, 49.7723, -50.9028 by changing the saturation by 10% instead.

■ 126.0420, 49.7723,
-50.9028

■ 126.0420, 49.7723,
-50.9028

255.0000, 0.0000,
0.0000

■ 94.1220, 51.7049,
-64.1280

■ 179.7800, 37.0835,
-41.0261

■ 70.5630, 49.5154,
-61.8838

■ 204.5990, 24.8477,
-36.4823

■ 53.9840, 44.3779,
-47.3440

■ 230.5920, 12.0331,
-32.9682

■ 38.6930, 39.0984,
-33.9338

■ 245.7310, 4.5696,
-19.0581

■ 24.6900, 33.6768,
-21.6531

254.7010, 0.1474,
-0.6148

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 126.0420, 49.7723,
-50.9028

■ 126.0420, 49.7723,
-50.9028

■ 111.5340, 56.9247,
-58.3503

■ 140.5500, 42.6198,
-43.4554

■ 97.3250, 63.9298,
-65.1830

■ 154.7590, 35.6148,
-36.6226

■ 82.8170, 71.0822,
-72.6305

■ 169.2670, 28.4624,
-29.1752

■ 183.7750, 21.3099,
-21.7277

■ 197.9840, 14.3049,
-14.8950

■ 212.4920, 7.1524,
-7.4475

■ 227.0000, 0.0000,
0.0000

■ 241.5080, -7.1524,
7.4475

■ 250.6340,
-11.6516, 3.8290

Harmonies

Analogous

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



112.6570, 53.4131, -98.8002



126.0420, 49.7723, -50.9028



139.0350, 33.9997, 14.8783

Triad

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



126.0420, 49.7723, -50.9028



133.2680, -26.2611, 69.9250



102.9720, -1.4652, -90.3064

Complementary

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



126.0420, 49.7723, -50.9028



168.9580, -49.7723, 50.9028

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.



123.1920, -31.6467, -22.9704



126.0420, 49.7723, -50.9028



131.8850, -42.3413, 47.4589

Square

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



126.0420, 49.7723, -50.9028



134.3930, -5.6167, 75.0773



128.9490, -46.3169, 15.8307



109.6180, 18.9223, -96.1350

Rectangle

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



126.0420, 49.7723, -50.9028



138.8340, 22.2668, 44.8726



128.9490, -46.3169, 15.8307



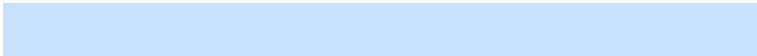
114.7390, -14.6613, -57.6531

Sweetspot

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



126.0420, 49.7723, -50.9028



220.6570, 16.9311, -17.2392



171.5930, -6.7013, -90.8511



107.2790, 10.2155, -9.8917



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.



126.0420, 49.7723, -50.9028



118.8130, 67.1402, -68.2420



89.4150, 67.8294, -9.1340



107.3030, 3.7946, -3.7737



65.0180, 56.1931, -57.0208



18.7280, 15.9101, -16.4245

Inverse Universe

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



123.2930, 6.2646, 90.9510



115.3600, 8.2035, 122.4643



205.5850, -67.8294, 9.1340



107.1580, 0.4151, 6.8774



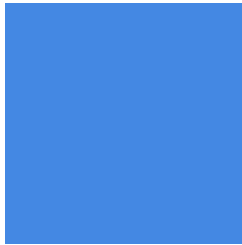
62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 126.0420, 49.7723, -50.9028 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 126.0420, 49.7723, -50.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

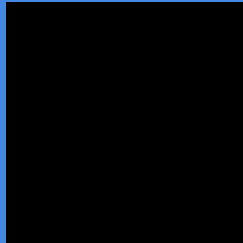
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

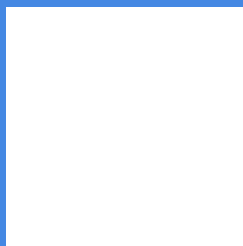
Any Text WCAG AAA × Fail

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

YUV 126.0420, 49.7723, -50.9028 Background



This preview shows how black text looks on a background with the YUV color 126.0420, 49.7723, -50.9028.



This preview shows how white text looks on a background with the YUV color 126.0420, 49.7723, -50.9028.

-50.9028.

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

126.0420, 49.7723, -50.9028

Protanopia

131.9090, 44.9079, -30.6152

Deuteranopia

126.6400, 49.4775, -49.6733



Tritanopia

106.5180, 27.3526, -93.4163

Trichromacy



Original Color

126.0420, 49.7723, -50.9028

Protanomaly

129.3210, 46.6767, -37.9925

Deuteranomaly

126.3410, 49.6249, -50.2881

Tritanomaly

113.7940, 35.5976, -77.8723

Monochromacy



Original Color

126.0420, 49.7723, -50.9028

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2870, 18.0995, -18.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0420, 49.7723, -50.9028 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(68, 136, 227)` looks like.

```
.text, #text, p{  
    color:rgb(68, 136, 227)  
}
```

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(68, 136, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 136, 227) }
```

Border

The CSS property to change the border of an element to YUV 126.0420, 49.7723, -50.9028 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(68, 136, 227) }
```


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

```
.border{ border-color:rgb(68, 136, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 136, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 136, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 136, 227);  
box-shadow:4px 4px 4px 4px rgb(68, 136,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 126.0420, 49.7723, -50.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 136, 227) }
```

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

```
.background{ background-color: rgb(68, 136,  
227) }
```

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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