

Converting Colors

YUV(126.0150, 54.2226,
-31.5852)

Have a look what the booklet for
YUV(126.0150, 54.2226, -31.5852)
contains.

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Color

**YUV(126.0150, 54.2226,
-31.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7BEC
RGB	90, 123, 236
RGB Percent	35%, 48%, 93%
CMY	0.6471, 0.5176, 0.0745
CMYK	0.62, 0.48, 0.00, 0.07
HSL	226°, 79%, 64%
HSV	226°, 62%, 93%
XYZ	26.4397, 22.3957, 82.2862
YIQ	126.0150, -55.9410, 28.1470

Conversions

Conversions Part 2

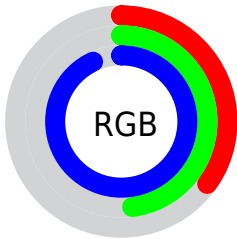
Format	Color
R _Y B	90, 117, 236
Decimal	5929964
CIE Lab	54.44, 22.76, -60.72
CIE LCh	54, 64.842, 290.544
Yxy	22.3957, 0.2016, 0.1708
Android (android.graphics.Color)	4284120044 (0xFF5A7BEC)
YUV	126.0150, 54.2226, -31.5852
Hunter-Lab	47.3241, 16.9098, -69.9653

Details

The YUV color **126.0150, 54.2226, -31.5852** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **199.9850, -54.2226, 31.5852**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2430, 38.3342, -22.1381**, and **64.4310, 56.4825, -56.5060** is the 20% darker color. If you saturate the color by 10%, you get **108.2730, 62.9694, -37.0734**, and if you desaturate by 10%, it is **143.7570, 45.4758, -26.0969**.

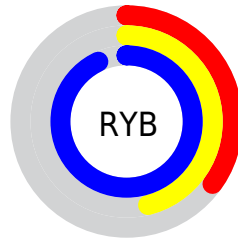
Distribution



Red (35%)

Green (48%)

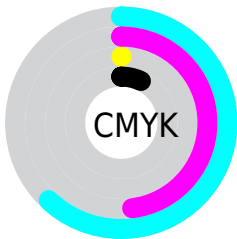
Blue (93%)



Red (35%)

Yellow (46%)

Blue (93%)

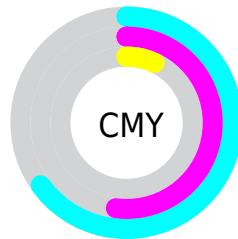


Cyan (62%)

Magenta (48%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (52%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0150, 54.2226, -31.5852 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 126.0150, 54.2226, -31.5852 by changing the saturation by 10% instead.

■ 126.0150, 54.2226,
-31.5852

■ 126.0150, 54.2226,
-31.5852

255.0000, 0.0000,
0.0000

■ 97.5690, 53.9495,
-37.3330

■ 177.2430, 38.3342,
-22.1381

■ 64.4310, 56.4825,
-56.5060

■ 202.0620, 26.0984,
-17.5944

■ 48.4390, 51.0556,
-42.4810

■ 227.4680, 13.5733,
-13.5654

■ 33.6210, 45.0498,
-29.4856

■ 251.1130, 1.9163,
-7.9921

■ 19.0310, 39.9177,
-16.6902

■ 13.8330, 30.1553,
-12.1315

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 126.0150, 54.2226,
-31.5852

■ 126.0150, 54.2226,
-31.5852

■ 108.2730, 62.9694,
-37.0734

■ 143.7570, 45.4758,
-26.0969

■ 90.2430, 71.8582,
-41.4321

■ 161.7870, 36.5870,
-21.7382

■ 72.5010, 80.6050,
-46.9204

■ 179.5290, 27.8402,
-16.2499

■ 58.0150, 87.7466,
-50.8792

■ 196.9720, 19.2408,
-11.3764

■ 214.7140, 10.4940,
-5.8882

■ 233.0430, 1.4578,
-0.9147

■ 250.4860, -7.1416,
3.9588

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



110.8280, 64.1748, -97.1962



126.0150, 54.2226, -31.5852



133.7870, 33.6290, 40.5288

Triad

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



126.0150, 54.2226, -31.5852



124.6310, -40.2441, 74.8686



103.5250, 3.1922, -90.7914

Complementary

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



126.0150, 54.2226, -31.5852



199.9850, -54.2226, 31.5852

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.



106.3510, -26.3020, -57.3128



126.0150, 54.2226, -31.5852



122.1560, -60.2229, 42.8362

Square

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



126.0150, 54.2226, -31.5852



122.6250, -14.1121, 93.2909



117.4730, -57.9142, 2.2162



110.7240, 28.2371, -97.1049

Rectangle

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



126.0150, 54.2226, -31.5852



128.7280, 19.8541, 72.1525



117.4730, -57.9142, 2.2162



100.1850, -4.5282, -87.8622

Sweetspot

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



126.0150, 54.2226, -31.5852



218.9290, 17.7830, -10.4617



188.4700, 6.6703, -86.3582



105.5290, 11.0782, -6.6029



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.



126.0150, 54.2226, -31.5852



112.7870, 70.1110, -41.0322



118.3050, 58.0236, 9.3795



108.4280, 4.2260, -2.1294



44.7010, 67.1954, -39.2028



13.2000, 20.1144, -11.5764

Inverse Universe

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



137.4160, -7.1071, 86.4582



127.4130, -9.0776, 111.8938



207.6950, -58.0236, -9.3795



109.5170, -0.7479, 6.5626



58.7930, -8.7719, 107.1755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 126.0150, 54.2226, -31.5852 looks on a white background.

Color Contrast Check

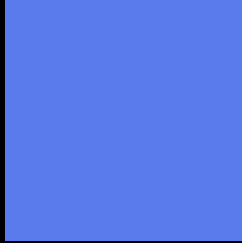
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0150, 54.2226, -31.5852 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 126.0150, 54.2226, -31.5852 Background



This preview shows how black text looks on a background with the YUV color 126.0150, 54.2226, -31.5852.



This preview shows how white text looks on a background with the YUV color 126.0150, 54.2226, -31.5852.

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

126.0150, 54.2226, -31.5852

Protanopia

122.7360, 57.3182, -44.4955

Deuteranopia

106.8510, 62.6845, -85.8153



Tritanopia

115.2620, 19.0978, -58.9888

Trichromacy



Original Color

126.0150, 54.2226, -31.5852

Protanomaly

124.1280, 56.1389, -39.5773

Deuteranomaly

113.8750, 59.7146, -66.5424

Tritanomaly

119.0580, 32.0164, -49.1629

Monochromacy



Original Color

126.0150, 54.2226, -31.5852

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0860, 19.6776, -11.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0150, 54.2226, -31.5852 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(90, 123, 236)` looks like.

```
.text, #text, p{  
    color:rgb(90, 123, 236)  
}
```

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(90, 123, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 123, 236) }
```

Border

The CSS property to change the border of an element to YUV 126.0150, 54.2226, -31.5852 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(90, 123, 236) }
```


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

```
.border{ border-color:rgb(90, 123, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 123, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 123, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 123, 236);  
box-shadow:4px 4px 4px 4px rgb(90, 123,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 126.0150, 54.2226, -31.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 123, 236) }
```

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

```
.background{ background-color: rgb(90, 123,  
236) }
```

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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