

Converting Colors

YUV(119.2530, 32.9063,
-54.5959)

Have a look what the booklet for
YUV(119.2530, 32.9063, -54.5959)
contains.

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Color

**YUV(119.2530, 32.9063,
-54.5959)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 398ABA |
| RGB | 57, 138, 186 |
| RGB Percent | 22%, 54%, 73% |
| CMY | 0.7765, 0.4588, 0.2706 |
| CMYK | 0.69, 0.26, 0.00, 0.27 |
| HSL | 202°, 53%, 48% |
| HSV | 202°, 69%, 73% |
| XYZ | 19.6387, 22.5920, 49.7800 |
| YIQ | 119.2530, -63.6840, -2.2440 |

Conversions

Conversions Part 2

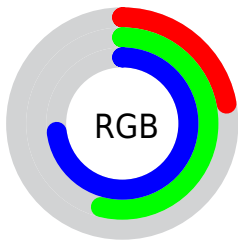
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 57, 107, 186 |
| Decimal | 3771066 |
| CIE Lab | 54.65, -8.93, -32.26 |
| CIE LCh | 55, 33.477, 254.529 |
| Yxy | 22.5920, 0.2134, 0.2455 |
| Android (android.graphics.Color) | 4281961146 (0xFF398ABA) |
| YUV | 119.2530, 32.9063, -54.5959 |
| Hunter-Lab | 47.5310, -9.4271, -28.8236 |

Details


The YUV color **119.2530, 32.9063, -54.5959** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **123.7470, -32.9063, 54.5959**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2860, 32.8900, -49.3628**, and **66.8180, 32.6277, -58.5994** is the 20% darker color. If you saturate the color by 10%, you get **109.4630, 37.7327, -62.6731**, and if you desaturate by 10%, it is **129.0430, 28.0798, -46.5187**.

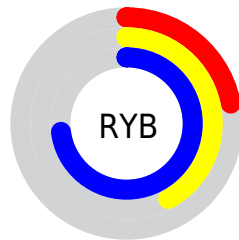
Distribution



 Red (22%)

 Green (54%)

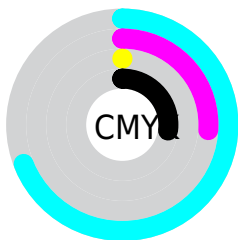
 Blue (73%)




 Red (22%)

 Yellow (42%)

 Blue (73%)

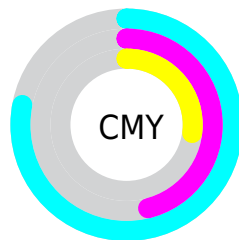



 Cyan (69%)


 Magenta (26%)

 Yellow (0%)

 Black (27%)



 Cyan (78%)

 Magenta (46%)

 Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2530, 32.9063, -54.5959 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 119.2530, 32.9063, -54.5959 by changing the saturation by 10% instead.

■ 119.2530, 32.9063,
-54.5959

■ 119.2530, 32.9063,
-54.5959

■ 255.0000, 0.0000,
0.0000

■ 87.4470, 35.2756,
-67.9210

■ 175.2860, 32.8900,
-49.3628

■ 66.8180, 32.6277,
-58.5994

■ 201.8750, 26.1906,
-47.2484

■ 50.3530, 27.9270,
-44.1596

■ 227.5690, 13.5235,
-44.3490

■ 34.7030, 23.8104,
-30.4345

■ 240.3490, 7.2229,
-30.1241

■ 20.2270, 19.1151,
-17.7391

■ 249.3190, 2.8007,
-11.6808

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 119.2530, 32.9063,
-54.5959

■ 119.2530, 32.9063,
-54.5959

■ 109.4630, 37.7327,
-62.6731

■ 129.0430, 28.0798,
-46.5187

■ 99.9720, 42.4118,
-70.1354

■ 138.5340, 23.4007,
-39.0563

■ 90.1820, 47.2383,
-78.2126

■ 148.3240, 18.5743,
-30.9791

■ 89.8830, 47.3857,
-78.8274

■ 157.8150, 13.8952,
-23.5168

■ 167.6050, 9.0687,
-15.4396

■ 177.3950, 4.2423,
-7.3624

■ 186.2990, -0.1474,
0.6148

■ 196.0890, -4.9739,
8.6919

■ 205.5800, -9.6529,
16.1543

Harmonies

Analogous

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



103.9080, 32.5834, -91.1273



119.2530, 32.9063, -54.5959



130.2300, 27.9876, -16.8647

Triad

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



119.2530, 32.9063, -54.5959



132.7610, -7.2772, 47.5676



123.5960, -17.5488, -18.0627

Complementary

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



119.2530, 32.9063, -54.5959



123.7470, -32.9063, 54.5959

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.



127.4590, -26.3553, 6.6135



119.2530, 32.9063, -54.5959



131.4110, -19.9226, 43.4896

Square

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



119.2530, 32.9063, -54.5959



134.2510, 6.2853, 37.4909



129.7760, -27.0046, 28.2604



117.5460, -1.7482, -46.0828

Rectangle

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



119.2530, 32.9063, -54.5959



133.7660, 21.8074, 5.4672



129.7760, -27.0046, 28.2604



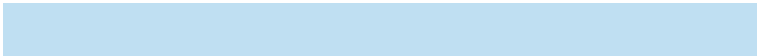
125.0270, -21.2123, -9.6707

Sweetspot

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



119.2530, 32.9063, -54.5959



215.5980, 13.0162, -21.5724



138.0810, -16.8019, -71.1080



106.5730, 7.6055, -12.7805



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



119.2530, 32.9063, -54.5959



137.8760, 51.3331, -84.9603



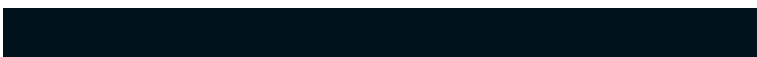
81.6850, 51.4273, -21.6487



86.9610, 2.4842, -3.4738



75.3100, 39.7802, -66.0469



13.7580, 7.0213, -12.0658

Inverse Universe

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



104.8050, 16.3651, 71.2080



115.4630, 25.4077, 110.9729



161.3150, -51.4273, 21.6487



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 119.2530, 32.9063, -54.5959 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 119.2530, 32.9063, -54.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

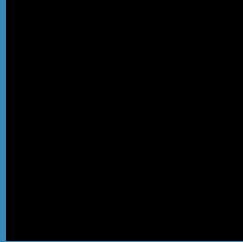
Any Text WCAG AA ✓ Pass

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 119.2530, 32.9063, -54.5959 Background



This preview shows how black text looks on a background with the YUV color 119.2530, 32.9063, -54.5959.



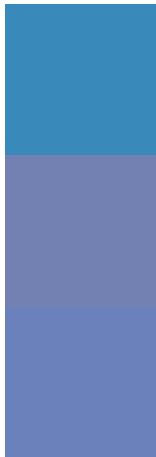
This preview shows how white text looks on a background with the YUV color 119.2530, 32.9063, -54.5959.

-54.5959.

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

119.2530, 32.9063, -54.5959

Protanopia

129.8130, 23.7562, -12.9910

Deuteranopia

129.1480, 29.0140, -19.4238



Tritanopia

112.9620, 20.7247, -67.4957

Trichromacy



Original Color

119.2530, 32.9063, -54.5959

Protanomaly

126.2240, 27.0046, -28.2604

Deuteranomaly

125.4130, 30.3624, -31.9342

Tritanomaly

115.4340, 24.9290, -62.6476

Monochromacy



Original Color

119.2530, 32.9063, -54.5959

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9680, 11.8478, -20.1429

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2530, 32.9063, -54.5959 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(57, 138, 186)` looks like.

```
.text, #text, p{  
    color:rgb(57, 138, 186)  
}
```

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(57, 138, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 138, 186) }
```

Border

The CSS property to change the border of an element to YUV 119.2530, 32.9063, -54.5959 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(57, 138, 186) }
```


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

```
.border{ border-color:rgb(57, 138, 186) }
```

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

Here you see how a box with a 4 pixel rgb(57, 138, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 138, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 138, 186);  
box-shadow:4px 4px 4px 4px rgb(57, 138,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 119.2530, 32.9063, -54.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 138, 186) }
```

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

```
.background{ background-color: rgb(57, 138,  
186) }
```

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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