

Converting Colors

YUV(129.0560, 34.9754,
-64.9471)

Have a look what the booklet for
YUV(129.0560, 34.9754, -64.9471)
contains.

YUV(129.0560, 34.9754, -64.9471)	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(129.0560, 34.9754,
-64.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	3799C8
RGB	55, 153, 200
RGB Percent	22%, 60%, 78%
CMY	0.7843, 0.4000, 0.2157
CMYK	0.72, 0.24, 0.00, 0.22
HSL	199°, 57%, 50%
HSV	199°, 72%, 78%
XYZ	23.3921, 27.7648, 58.7698
YIQ	129.0560, -73.4950, -6.1590

Conversions

Conversions Part 2

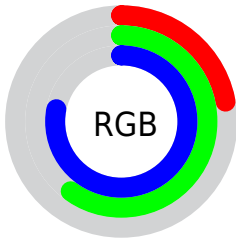
Format	Color
R _Y B	55, 113, 200
Decimal	3643848
CIE Lab	59.68, -12.85, -32.36
CIE LCh	60, 34.822, 248.345
Yxy	27.7648, 0.2128, 0.2526
Android (android.graphics.Color)	4281833928 (0xFF3799C8)
YUV	129.0560, 34.9754, -64.9471
Hunter-Lab	52.6923, -12.9687, -29.2438

Details

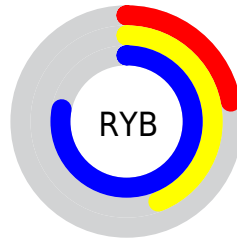
The YUV color **129.0560, 34.9754, -64.9471** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **125.9440, -34.9754, 64.9471**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4590, 33.7907, -58.2845**, and **76.5180, 34.2546, -67.1063** is the 20% darker color. If you saturate the color by 10%, you get **119.5540, 39.6599, -74.1539**, and if you desaturate by 10%, it is **138.5580, 30.2909, -55.7404**.

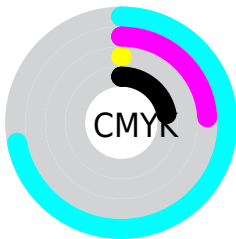
Distribution



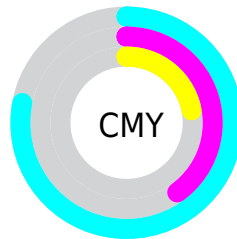
- Red (22%)
- Green (60%)
- Blue (78%)



- Red (22%)
- Yellow (44%)
- Blue (78%)



- Cyan (72%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0560, 34.9754, -64.9471 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 129.0560, 34.9754, -64.9471 by changing the saturation by 10% instead.

■ 129.0560, 34.9754,
-64.9471

■ 129.0560, 34.9754,
-64.9471

■ 255.0000, 0.0000,
0.0000

■ 94.2710, 38.8134,
-82.6757

■ 186.4590, 33.7907,
-58.2845

■ 76.5180, 34.2546,
-67.1063

■ 212.4520, 20.9762,
-54.7704

■ 59.4660, 29.8433,
-52.1517

■ 232.5750, 11.0555,
-46.1083

■ 43.1150, 25.5793,
-37.8119

■ 241.5450, 6.6333,
-27.6650

■ 28.0520, 21.1734,
-24.6016

■ 250.5150, 2.2111,
-9.2217

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 129.0560, 34.9754,
-64.9471

■ 129.0560, 34.9754,
-64.9471

■ 119.5540, 39.6599,
-74.1539

■ 138.5580, 30.2909,
-55.7404

■ 109.4650, 44.6338,
-82.8458

■ 148.6470, 25.3170,
-47.0484

■ 102.0450, 48.2918,
-89.4935

■ 158.1490, 20.6325,
-37.8417

■ 168.2380, 15.6587,
-29.1497

■ 177.7400, 10.9742,
-19.9430

■ 187.8290, 6.0003,
-11.2510

■ 197.3310, 1.3158,
-2.0443

■ 207.4200, -3.6581,
6.6477

■ 216.9220, -8.3425,
15.8544

Harmonies

Analogous

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



113.3800, 33.3367, -99.4343



129.0560, 34.9754, -64.9471



141.5710, 30.7775, -25.0568

Triad

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



129.0560, 34.9754, -64.9471



146.6410, -5.2460, 49.4268



137.1190, -20.7647, -13.2594

Complementary

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



129.0560, 34.9754, -64.9471



125.9440, -34.9754, 64.9471

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.



140.8080, -28.9923, 12.4464



129.0560, 34.9754, -64.9471



144.4870, -18.4811, 47.8079

Square

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



129.0560, 34.9754, -64.9471



147.7500, 9.4902, 36.1763



142.9940, -27.6050, 34.2083



131.5420, -5.6902, -41.6943

Rectangle

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



129.0560, 34.9754, -64.9471



145.7590, 25.7548, -0.6656



142.9940, -27.6050, 34.2083



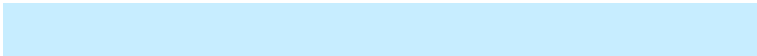
138.8490, -24.5756, -4.2526

Sweetspot

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



129.0560, 34.9754, -64.9471



227.6900, 13.4638, -25.1611



145.3590, -21.8690, -79.2448



111.3770, 8.1951, -15.2396



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.



129.0560, 34.9754, -64.9471



146.3580, 53.5605, -99.4150



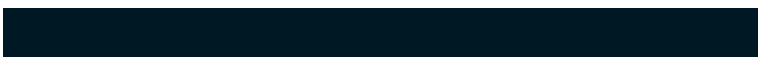
87.3790, 55.5222, -28.3964



94.5480, 2.1948, -3.9886



83.1520, 39.3651, -72.9243



18.1920, 8.7793, -15.9544

Inverse Universe

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



109.5270, 21.4322, 79.3448



116.4780, 32.7953, 121.4838



167.6210, -55.5222, 28.3964



93.3750, 1.2941, 4.9331



61.2770, 24.0204, 89.2111



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 129.0560, 34.9754, -64.9471 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 129.0560, 34.9754, -64.9471 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 129.0560, 34.9754, -64.9471 Background



This preview shows how black text looks on a background with the YUV color 129.0560, 34.9754, -64.9471.



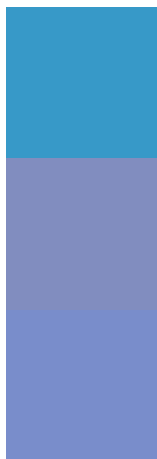
This preview shows how white text looks on a background with the YUV color 129.0560, 34.9754, -64.9471.

-64.9471.

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

129.0560, 34.9754, -64.9471

Protanopia

143.1120, 23.6088, -12.3762

Deuteranopia

142.0880, 30.0296, -18.4942



Tritanopia

121.5090, 24.3991, -79.3764

Trichromacy



Original Color

129.0560, 34.9754, -64.9471

Protanomaly

137.7290, 27.7416, -31.3343

Deuteranomaly

137.1460, 31.9730, -35.2080

Tritanomaly

124.2800, 28.4560, -73.9136

Monochromacy



Original Color

129.0560, 34.9754, -64.9471

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1740, 12.7322, -23.8316

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0560, 34.9754, -64.9471 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(55, 153, 200)` looks like.

```
.text, #text, p{  
    color:rgb(55, 153, 200)  
}
```

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(55, 153, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 153, 200) }
```

Border

The CSS property to change the border of an element to YUV 129.0560, 34.9754, -64.9471 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(55, 153, 200) }
```


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

```
.border{ border-color:rgb(55, 153, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 153, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 153, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 153, 200);  
box-shadow:4px 4px 4px 4px rgb(55, 153,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 129.0560, 34.9754, -64.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 153, 200) }
```

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

```
.background{ background-color: rgb(55, 153,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor