

Converting Colors

YUV(132.3670, 33.3431,
-54.6959)

Have a look what the booklet for
YUV(132.3670, 33.3431, -54.6959)
contains.

YUV(132.3670, 33.3431, -54.6959)	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(132.3670, 33.3431,
-54.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	4697C8
RGB	70, 151, 200
RGB Percent	27%, 59%, 78%
CMY	0.7255, 0.4078, 0.2157
CMYK	0.65, 0.24, 0.00, 0.22
HSL	203°, 54%, 53%
HSV	203°, 65%, 78%
XYZ	24.0177, 27.6054, 58.7061
YIQ	132.3670, -64.0050, -1.9330

Conversions

Conversions Part 2

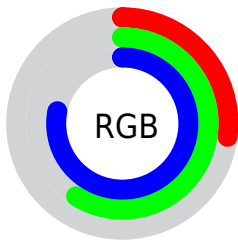
Format	Color
RYB	70, 120, 200
Decimal	4626376
CIELab	59.53, -9.46, -32.56
CIELCh	60, 33.901, 253.805
Yxy	27.6054, 0.2177, 0.2502
Android (android.graphics.Color)	4282816456 (0xFF4697C8)
YUV	132.3670, 33.3431, -54.6959
Hunter-Lab	52.5409, -10.3498, -29.4686

Details

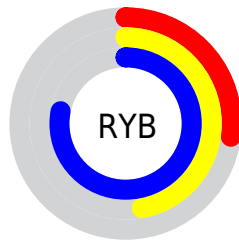
The YUV color **132.3670, 33.3431, -54.6959** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **137.6330, -33.3431, 54.6959**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2750, 32.8954, -51.1072**, and **75.3440, 34.8334, -66.0767** is the 20% darker color. If you saturate the color by 10%, you get **121.6910, 38.6063, -62.8730**, and if you desaturate by 10%, it is **143.0430, 28.0798, -46.5187**.

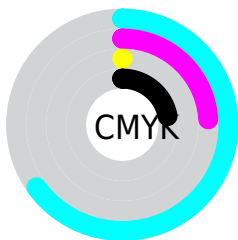
Distribution



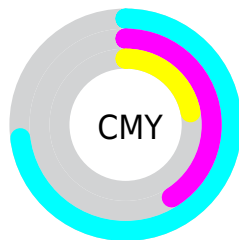
- Red (27%)
- Green (59%)
- Blue (78%)



- Red (27%)
- Yellow (47%)
- Blue (78%)



- Cyan (65%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3670, 33.3431, -54.6959 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 132.3670, 33.3431, -54.6959 by changing the saturation by 10% instead.

■ 132.3670, 33.3431,
-54.6959

■ 132.3670, 33.3431,
-54.6959

■ 255.0000, 0.0000,
0.0000

■ 102.9640, 34.5277,
-61.3584

■ 188.2750, 32.8954,
-51.1072

■ 75.3440, 34.8334,
-66.0767

■ 213.6810, 20.3703,
-47.0782

■ 58.2920, 30.4220,
-51.1221

■ 235.2660, 9.7289,
-40.5753

■ 42.5280, 25.8687,
-37.2971

■ 244.2360, 5.3067,
-22.1320

■ 27.4650, 21.4628,
-24.0868

■ 253.2060, 0.8844,
-3.6887

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 132.3670, 33.3431,
-54.6959

■ 132.3670, 33.3431,
-54.6959

■ 121.6910, 38.6063,
-62.8730

■ 143.0430, 28.0798,
-46.5187

■ 111.6020, 43.5802,
-71.5650

■ 153.1320, 23.1059,
-37.8268

■ 100.9260, 48.8435,
-79.7421

■ 163.8080, 17.8427,
-29.6496

■ 96.1750, 51.1857,
-84.3455

■ 173.8970, 12.8688,
-20.9577

■ 184.5730, 7.6055,
-12.7805

■ 194.6620, 2.6316,
-4.0886

■ 205.3380, -2.6316,
4.0886

■ 215.4270, -7.6055,
12.7805

■ 226.1030,
-12.8688, 20.9577

Harmonies

Analogous

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



114.9290, 34.0520, -95.5307



132.3670, 33.3431, -54.6959



142.7460, 28.7192, -18.1942

Triad

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



132.3670, 33.3431, -54.6959



145.4730, -7.1352, 48.6972



136.3680, -18.4224, -17.8627

Complementary

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



132.3670, 33.3431, -54.6959



137.6330, -33.3431, 54.6959

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.



139.9430, -27.0869, 7.9430



132.3670, 33.3431, -54.6959



144.3080, -20.3648, 45.3339

Square

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



132.3670, 33.3431, -54.6959



147.0770, 6.8640, 38.5205



142.5590, -27.8836, 30.2048



130.4320, -2.1850, -45.9829

Rectangle

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



132.3670, 33.3431, -54.6959



146.1080, 23.1178, 5.1673



142.5590, -27.8836, 30.2048



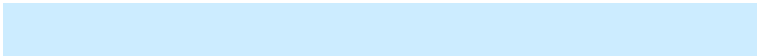
137.5110, -21.9439, -8.3411

Sweetspot

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



132.3670, 33.3431, -54.6959



228.5980, 13.0162, -21.5724



151.7820, -16.6545, -71.7228



111.6870, 8.0423, -12.8805



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.



132.3670, 33.3431, -54.6959



151.4740, 51.0383, -83.7307



94.7990, 51.8641, -21.7487



94.5480, 2.1948, -3.9886



78.4560, 41.6802, -68.8059



17.0180, 9.3581, -14.9248

Inverse Universe

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



118.1040, 16.2177, 71.8228



129.6370, 24.8290, 109.9434



175.2010, -51.8641, 21.7487



93.3750, 1.2941, 4.9331



60.3650, 20.5261, 90.0109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 132.3670, 33.3431, -54.6959 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 132.3670, 33.3431, -54.6959 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

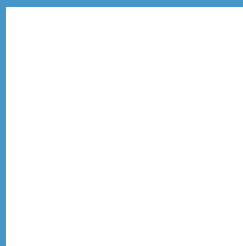
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 132.3670, 33.3431, -54.6959

Background



This preview shows how black text looks on a background with the YUV color 132.3670, 33.3431, -54.6959.



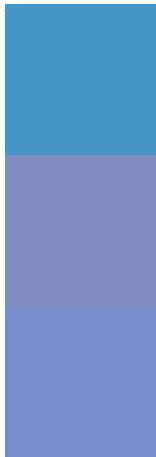
This preview shows how white text looks on a background with the YUV color 132.3670, 33.3431, -54.6959.

-54.6959.

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

132.3670, 33.3431, -54.6959

Protanopia

142.9270, 24.1930, -13.0910

Deuteranopia

141.9740, 29.5928, -18.3942



Tritanopia

127.2720, 20.5719, -65.1365

Trichromacy



Original Color

132.3670, 33.3431, -54.6959

Protanomaly

139.3380, 27.4414, -28.3604

Deuteranomaly

138.5270, 30.7992, -32.0342

Tritanomaly

129.1460, 25.0710, -61.5180

Monochromacy



Original Color

132.3670, 33.3431, -54.6959

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0820, 12.2846, -20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3670, 33.3431, -54.6959 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(70, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(70, 151, 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(70, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 151, 200) }
```

Border

The CSS property to change the border of an element to YUV 132.3670, 33.3431, -54.6959 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(70, 151, 200) }
```


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

```
.border{ border-color:rgb(70, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(70, 151,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 132.3670, 33.3431, -54.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 151, 200) }
```

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

```
.background{ background-color: rgb(70, 151,  
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