

Converting Colors

YUV(129.6230, 31.7379,
-53.1664)

Have a look what the booklet for
YUV(129.6230, 31.7379, -53.1664)
contains.

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Color

**YUV(129.6230, 31.7379,
-53.1664)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4594C2 |
| RGB | 69, 148, 194 |
| RGB Percent | 27%, 58%, 76% |
| CMY | 0.7294, 0.4196, 0.2392 |
| CMYK | 0.64, 0.24, 0.00, 0.24 |
| HSL | 202°, 51%, 52% |
| HSV | 202°, 64%, 76% |
| XYZ | 22.7818, 26.3401, 54.9224 |
| YIQ | 129.6230, -61.8500, -2.4420 |

Conversions

Conversions Part 2

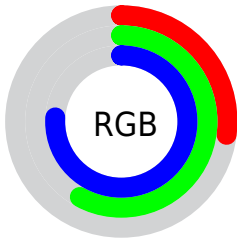
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 69, 117, 194 |
| Decimal | 4560066 |
| CIE Lab | 58.36, -9.92, -31.00 |
| CIE LCh | 58, 32.551, 252.254 |
| Yxy | 26.3401, 0.2190, 0.2532 |
| Android (android.graphics.Color) | 4282750146 (0xFF4594C2) |
| YUV | 129.6230, 31.7379, -53.1664 |
| Hunter-Lab | 51.3226, -10.5795, -27.5228 |

Details

The YUV color **129.6230, 31.7379, -53.1664** 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 **133.3770, -31.7379, 53.1664**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7590, 32.1638, -49.7776**, and **72.8990, 33.0808, -63.9324** is the 20% darker color. If you saturate the color by 10%, you get **119.8330, 36.5643, -61.2435**, and if you desaturate by 10%, it is **139.4130, 26.9114, -45.0892**.

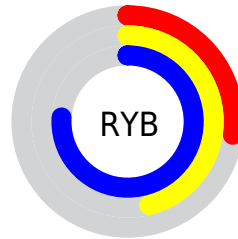
Distribution



Red (27%)

Green (58%)

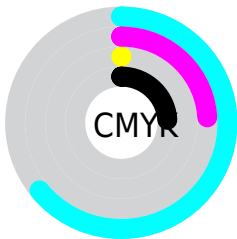
Blue (76%)



Red (27%)

Yellow (46%)

Blue (76%)

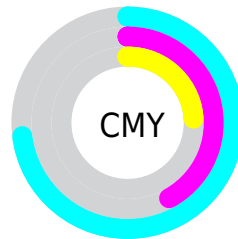


Cyan (64%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (73%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.6230, 31.7379, -53.1664 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 129.6230, 31.7379, -53.1664 by changing the saturation by 10% instead.

■ 129.6230, 31.7379,
-53.1664

■ 129.6230, 31.7379,
-53.1664

■ 255.0000, 0.0000,
0.0000

■ 100.5190, 32.7751,
-59.2142

■ 185.7590, 32.1638,
-49.7776

■ 72.8990, 33.0808,
-63.9324

■ 211.3220, 21.5333,
-46.7634

■ 56.4340, 28.3800,
-49.4926

■ 234.6680, 10.0237,
-41.8048

■ 40.1970, 24.5529,
-35.2528

■ 243.6380, 5.6015,
-23.3615

■ 25.7210, 19.8575,
-22.5573

■ 252.6080, 1.1793,
-4.9182

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 129.6230, 31.7379,
-53.1664

■ 129.6230, 31.7379,
-53.1664

■ 119.8330, 36.5643,
-61.2435

■ 139.4130, 26.9114,
-45.0892

■ 109.7440, 41.5382,
-69.9355

■ 149.5020, 21.9375,
-36.3973

■ 99.9540, 46.3647,
-78.0127

■ 159.2920, 17.1110,
-28.3201

■ 94.3170, 49.1437,
-82.7160

■ 169.9680, 11.8478,
-20.1429

■ 179.7580, 7.0213,
-12.0658

■ 189.5480, 2.1948,
-3.9886

■ 199.6370, -2.7790,
4.7034

■ 209.4270, -7.6055,
12.7805

■ 219.5160,
-12.5794, 21.4725

Harmonies

Analogous

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



116.9690, 30.0883, -84.1648



129.6230, 31.7379, -53.1664



139.2190, 27.9930, -18.6091

Triad

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



129.6230, 31.7379, -53.1664



142.6900, -6.2562, 46.7529



133.7920, -18.1385, -15.6036

Complementary

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



129.6230, 31.7379, -53.1664



133.3770, -31.7379, 53.1664

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.



137.1820, -26.2187, 9.4874



129.6230, 31.7379, -53.1664



141.0520, -18.7596, 43.8044

Square

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



129.6230, 31.7379, -53.1664



143.7670, 7.0169, 36.1613



139.9010, -26.5732, 29.9048



128.2260, -3.0694, -42.2942

Rectangle

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



129.6230, 31.7379, -53.1664



142.6840, 22.8338, 2.9081



139.9010, -26.5732, 29.9048



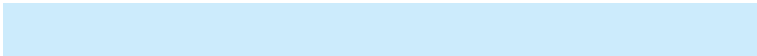
135.2230, -21.8019, -7.2116

Sweetspot

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



129.6230, 31.7379, -53.1664



227.6690, 11.9952, -20.7577



147.6190, -16.0812, -68.9489



112.5730, 7.6055, -12.7805



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.



129.6230, 31.7379, -53.1664



152.3170, 49.1437, -82.7160



93.2290, 49.6801, -21.2488



91.6620, 2.6316, -4.0886



78.2280, 40.8066, -68.6060



16.0890, 8.3371, -14.1101

Inverse Universe

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



115.3810, 16.0812, 68.9489



130.0280, 25.1292, 106.9694



169.7710, -49.6801, 21.2488



90.6740, 1.1467, 5.5479



59.7670, 20.8209, 88.7813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 129.6230, 31.7379, -53.1664 looks on a white background.

Color Contrast Check

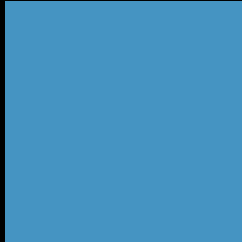
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.6230, 31.7379, -53.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

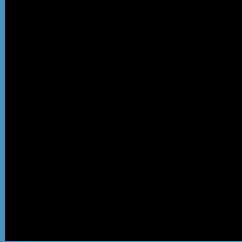
Any Text WCAG AA ✓ Pass

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 129.6230, 31.7379, -53.1664 Background



This preview shows how black text looks on a background with the YUV color 129.6230, 31.7379, -53.1664.

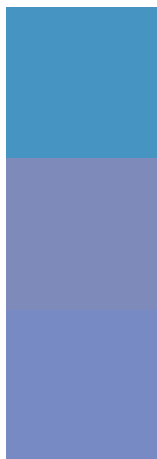


This preview shows how white text looks on a background with the YUV color 129.6230, 31.7379, -53.1664.

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

129.6230, 31.7379, -53.1664

Protanopia

139.8840, 22.7352, -12.1763

Deuteranopia

138.9310, 28.1350, -17.4795



Tritanopia

124.8810, 20.2717, -62.1626

Trichromacy



Original Color

129.6230, 31.7379, -53.1664

Protanomaly

136.2950, 25.9836, -27.4457

Deuteranomaly

135.7830, 29.1940, -30.5047

Tritanomaly

126.3420, 24.4814, -59.0589

Monochromacy



Original Color

129.6230, 31.7379, -53.1664

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.6230, 31.7379, -53.1664 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(69, 148, 194)` looks like.

```
.text, #text, p{  
    color:rgb(69, 148, 194)  
}
```

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(69, 148, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 148, 194) }
```

Border

The CSS property to change the border of an element to YUV 129.6230, 31.7379, -53.1664 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(69, 148, 194) }
```


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

```
.border{ border-color:rgb(69, 148, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 148, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 148, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 148, 194);  
box-shadow:4px 4px 4px 4px rgb(69, 148,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 129.6230, 31.7379, -53.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 148, 194) }
```

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

```
.background{ background-color: rgb(69, 148,  
194) }
```

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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