

Converting Colors

YUV(127.2910, 31.9015,
-59.0142)

Have a look what the booklet for
YUV(127.2910, 31.9015, -59.0142)
contains.

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Color

**YUV(127.2910, 31.9015,
-59.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	3C95C0
RGB	60, 149, 192
RGB Percent	24%, 58%, 75%
CMY	0.7647, 0.4157, 0.2471
CMYK	0.69, 0.22, 0.00, 0.25
HSL	200°, 52%, 49%
HSV	200°, 69%, 75%
XYZ	22.1254, 26.2613, 53.7720
YIQ	127.2910, -66.8470, -5.4950

Conversions

Conversions Part 2

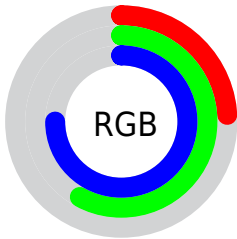
Format	Color
R_{YB}	60, 113, 192
Decimal	3970496
CIE _{Lab}	58.28, -12.61, -30.01
CIE _{LCh}	58, 32.553, 247.202
Yxy	26.2613, 0.2166, 0.2571
Android (android.graphics.Color)	4282160576 (0xFF3C95C0)
YUV	127.2910, 31.9015, -59.0142
Hunter-Lab	51.2458, -12.6129, -26.3407

Details

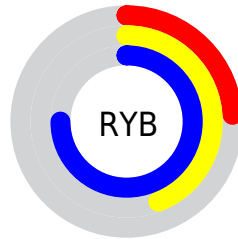
The YUV color **127.2910, 31.9015, -59.0142** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **124.7090, -31.9015, 59.0142**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0250, 32.0327, -54.3959**, and **73.2580, 31.9178, -64.2473** is the 20% darker color. If you saturate the color by 10%, you get **118.0880, 36.4386, -67.6062**, and if you desaturate by 10%, it is **136.4940, 27.3645, -50.4222**.

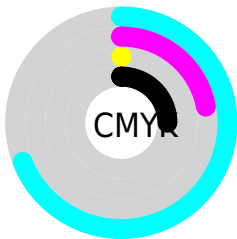
Distribution



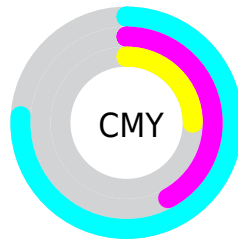
- Red (24%)
- Green (58%)
- Blue (75%)



- Red (24%)
- Yellow (44%)
- Blue (75%)



- Cyan (69%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (76%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2910, 31.9015, -59.0142 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 127.2910, 31.9015, -59.0142 by changing the saturation by 10% instead.

■ 127.2910, 31.9015,
-59.0142

■ 127.2910, 31.9015,
-59.0142

■ 255.0000, 0.0000,
0.0000

■ 95.4960, 34.2655,
-70.5950

■ 184.0250, 32.0327,
-54.3959

■ 73.2580, 31.9178,
-64.2473

■ 209.8160, 22.2757,
-51.5816

■ 56.9070, 27.6538,
-49.9074

■ 232.8740, 10.9081,
-45.4935

■ 40.5560, 23.3899,
-35.5676

■ 241.5450, 6.6333,
-27.6650

■ 25.4930, 18.9840,
-22.3574

■ 250.5150, 2.2111,
-9.2217

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 127.2910, 31.9015,
-59.0142

■ 127.2910, 31.9015,
-59.0142

■ 118.0880, 36.4386,
-67.6062

■ 136.4940, 27.3645,
-50.4222

■ 108.2980, 41.2651,
-75.6833

■ 146.2840, 22.5380,
-42.3451

■ 98.7960, 45.9496,
-84.8901

■ 155.7860, 17.8535,
-33.1383

■ 97.6110, 46.5338,
-85.6048

■ 164.9890, 13.3164,
-24.5464

■ 174.1920, 8.7793,
-15.9544

■ 183.9820, 3.9529,
-7.8772

■ 193.1850, -0.5842,
0.7148

■ 202.6870, -5.2687,
9.9215

■ 211.8900, -9.8058,
18.5135

Harmonies

Analogous

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



115.0180, 29.0781, -86.8388



127.2910, 31.9015, -59.0142



138.0010, 28.5935, -24.5569

Triad

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



127.2910, 31.9015, -59.0142



142.8470, -4.3616, 45.7382



134.3580, -19.8965, -11.7150

Complementary

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



127.2910, 31.9015, -59.0142



124.7090, -31.9015, 59.0142

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.



137.6770, -26.9558, 12.5613



127.2910, 31.9015, -59.0142



141.5190, -17.0179, 45.1488

Square

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



127.2910, 31.9015, -59.0142



144.0270, 9.3537, 33.3023



139.8520, -25.5630, 32.5788



129.4500, -6.1378, -38.1056

Rectangle

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



127.2910, 31.9015, -59.0142



142.2920, 24.0130, -2.0101



139.8520, -25.5630, 32.5788



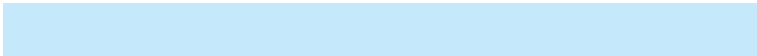
135.2020, -23.2706, -2.8082

Sweetspot

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



127.2910, 31.9015, -59.0142



224.1740, 12.7322, -23.8316



142.2720, -19.8541, -72.1525



109.8610, 7.4635, -13.9101



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



127.2910, 31.9015, -59.0142



147.8920, 50.3392, -92.8673



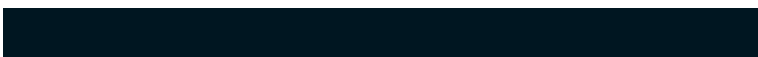
89.1360, 50.7120, -25.5523



92.2490, 2.3422, -4.6034



81.7500, 39.0703, -71.6947



16.6760, 8.0477, -14.6249

Inverse Universe

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



109.6140, 19.4173, 72.2525



120.1520, 30.4911, 113.8767



162.8640, -50.7120, 25.5523



90.7880, 1.5835, 5.4479



60.4510, 23.4417, 88.1815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 127.2910, 31.9015, -59.0142 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 127.2910, 31.9015, -59.0142 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 127.2910, 31.9015, -59.0142 Background



This preview shows how black text looks on a background with the YUV color 127.2910, 31.9015, -59.0142.



This preview shows how white text looks on a background with the YUV color 127.2910, 31.9015, -59.0142.

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

127.2910, 31.9015, -59.0142

Protanopia

139.8410, 21.2774, -11.2616

Deuteranopia

139.1160, 27.5508, -16.7647



Tritanopia

122.1790, 21.6038, -69.4400

Trichromacy



Original Color

127.2910, 31.9015, -59.0142

Protanomaly

135.3550, 24.9680, -28.3753

Deuteranomaly

134.7720, 29.1994, -32.2490

Tritanomaly

123.8250, 25.2293, -65.6215

Monochromacy



Original Color

127.2910, 31.9015, -59.0142

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2560, 11.7058, -21.2725

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2910, 31.9015, -59.0142 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(60, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(60, 149, 192)  
}
```

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(60, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 149, 192) }
```

Border

The CSS property to change the border of an element to YUV 127.2910, 31.9015, -59.0142 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(60, 149, 192) }
```


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

```
.border{ border-color:rgb(60, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(60, 149,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 127.2910, 31.9015, -59.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 149, 192) }
```

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

```
.background{ background-color: rgb(60, 149,  
192) }
```

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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