

Converting Colors

YUV(127.1860, 37.8693,
-59.7991)

Have a look what the booklet for
YUV(127.1860, 37.8693, -59.7991)
contains.

YUV(127.1860, 37.8693, -59.7991)	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(127.1860, 37.8693,
-59.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	3B93CC
RGB	59, 147, 204
RGB Percent	23%, 58%, 80%
CMY	0.7686, 0.4235, 0.2000
CMYK	0.71, 0.28, 0.00, 0.20
HSL	204°, 59%, 52%
HSV	204°, 71%, 80%
XYZ	23.1364, 26.1569, 60.9561
YIQ	127.1860, -70.7450, -0.9290

Conversions

Conversions Part 2

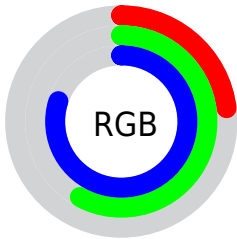
Format	Color
R _Y B	59, 114, 204
Decimal	3904460
CIE Lab	58.19, -7.57, -36.93
CIE LCh	58, 37.697, 258.411
Yxy	26.1569, 0.2099, 0.2373
Android (android.graphics.Color)	4282094540 (0xFF3B93CC)
YUV	127.1860, 37.8693, -59.7991
Hunter-Lab	51.1438, -8.7518, -34.8646

Details

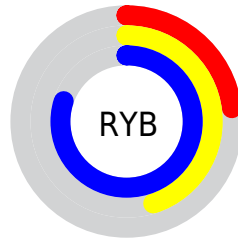
The YUV color **127.1860, 37.8693, -59.7991** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **135.8140, -37.8693, 59.7991**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8340, 35.0848, -53.3514**, and **73.9250, 37.0120, -64.8322** is the 20% darker color. If you saturate the color by 10%, you get **116.5100, 43.1326, -67.9763**, and if you desaturate by 10%, it is **137.8620, 32.6060, -51.6220**.

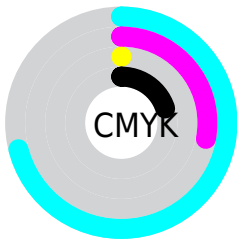
Distribution



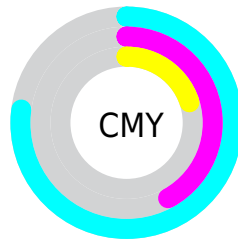
- Red (23%)
- Green (58%)
- Blue (80%)



- Red (23%)
- Yellow (45%)
- Blue (80%)



- Cyan (71%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (77%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1860, 37.8693, -59.7991 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 127.1860, 37.8693, -59.7991 by changing the saturation by 10% instead.

■ 127.1860, 37.8693,
-59.7991

■ 127.1860, 37.8693,
-59.7991

■ 255.0000, 0.0000,
0.0000

■ 92.5860, 41.1231,
-76.8129

■ 183.8340, 35.0848,
-53.3514

■ 73.9250, 37.0120,
-64.8322

■ 209.2400, 22.5597,
-49.3225

■ 56.8730, 32.6006,
-49.8776

■ 233.4720, 10.6133,
-44.2639

■ 41.1090, 28.0473,
-36.0526

■ 242.1430, 6.3385,
-26.4354

■ 26.0460, 23.6413,
-22.8423

■ 251.4120, 1.7689,
-7.3773

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 127.1860, 37.8693,
-59.7991

■ 127.1860, 37.8693,
-59.7991

■ 116.5100, 43.1326,
-67.9763

■ 137.8620, 32.6060,
-51.6220

■ 105.5350, 48.5432,
-76.7682

■ 148.8370, 27.1954,
-42.8300

■ 96.0440, 53.2223,
-84.2306

■ 159.5130, 21.9321,
-34.6529

■ 170.4880, 16.5214,
-25.8610

■ 181.1640, 11.2581,
-17.6838

■ 191.8400, 5.9949,
-9.5067

■ 202.8150, 0.5842,
-0.7148

■ 213.4910, -4.6791,
7.4624

■ 224.4660,
-10.0897, 16.2543

Harmonies

Analogous

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



111.8300, 37.5518, -98.0749



127.1860, 37.8693, -59.7991



139.6370, 30.7450, -14.5906

Triad

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



127.1860, 37.8693, -59.7991



141.4090, -10.0616, 54.0153



130.8510, -17.6745, -24.4253

Complementary

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



127.1860, 37.8693, -59.7991



135.8140, -37.8693, 59.7991

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.



135.0520, -29.1126, 4.3394



127.1860, 37.8693, -59.7991



140.1080, -23.7172, 47.2633

Square

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



127.1860, 37.8693, -59.7991



143.3660, 5.2426, 45.2830



138.6360, -31.3725, 29.2602



122.0820, 1.9316, -59.7079

Rectangle

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



127.1860, 37.8693, -59.7991



143.3690, 23.9751, 10.2004



138.6360, -31.3725, 29.2602



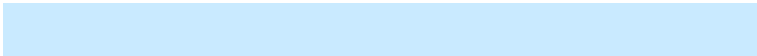
132.6520, -22.5064, -14.6038

Sweetspot

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



127.1860, 37.8693, -59.7991



226.5270, 14.0372, -22.3872



150.4990, -17.5010, -80.2446



110.8010, 8.4791, -12.9805



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.



127.1860, 37.8693, -59.7991



140.2220, 56.5856, -89.6487



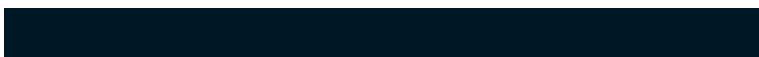
85.5090, 58.4161, -23.2484



96.6620, 2.6316, -4.0886



78.2110, 43.2800, -68.5910



17.8330, 9.9423, -15.6395

Inverse Universe

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



112.3870, 17.0642, 80.3446



117.9310, 25.6700, 120.2095



177.4910, -58.4161, 23.2484



95.6740, 1.1467, 5.5479



61.1480, 19.6470, 91.9552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 127.1860, 37.8693, -59.7991 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 127.1860, 37.8693, -59.7991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

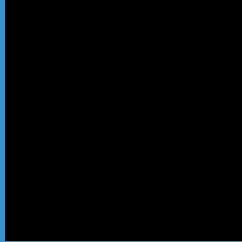
Any Text WCAG AA ✓ Pass

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 127.1860, 37.8693, -59.7991 Background



This preview shows how black text looks on a background with the YUV color 127.1860, 37.8693, -59.7991.

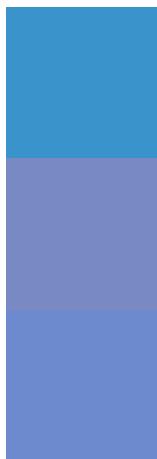


This preview shows how white text looks on a background with the YUV color 127.1860, 37.8693, -59.7991.

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

127.1860, 37.8693, -59.7991

Protanopia

138.9420, 28.1296, -15.7351

Deuteranopia

137.3800, 33.8297, -24.0123



Tritanopia

117.8080, 24.2517, -78.7616

Trichromacy



Original Color

127.1860, 37.8693, -59.7991

Protanomaly

134.7550, 31.6728, -32.2341

Deuteranomaly

133.3460, 35.3254, -37.1374

Tritanomaly

120.8180, 29.1767, -71.7544

Monochromacy



Original Color

127.1860, 37.8693, -59.7991

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8260, 13.8898, -21.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1860, 37.8693, -59.7991 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(59, 147, 204)` looks like.

```
.text, #text, p{  
    color:rgb(59, 147, 204)  
}
```

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(59, 147, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 147, 204) }
```

Border

The CSS property to change the border of an element to YUV 127.1860, 37.8693, -59.7991 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(59, 147, 204) }
```


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

```
.border{ border-color:rgb(59, 147, 204) }
```

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

Here you see how a box with a 4 pixel rgb(59, 147, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 147, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 147, 204);  
box-shadow:4px 4px 4px 4px rgb(59, 147,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 127.1860, 37.8693, -59.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 147, 204) }
```

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

```
.background{ background-color: rgb(59, 147,  
204) }
```

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