

Converting Colors

YUV(129.9920, 32.0489,
-59.6290)

Have a look what the booklet for
YUV(129.9920, 32.0489, -59.6290)
contains.

YUV(129.9920, 32.0489, -59.6290)	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(129.9920, 32.0489,
-59.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	3E98C3
RGB	62, 152, 195
RGB Percent	24%, 60%, 76%
CMY	0.7569, 0.4039, 0.2353
CMYK	0.68, 0.22, 0.00, 0.24
HSL	199°, 53%, 50%
HSV	199°, 68%, 76%
XYZ	23.0652, 27.4207, 55.7068
YIQ	129.9920, -67.4430, -5.7070

Conversions

Conversions Part 2

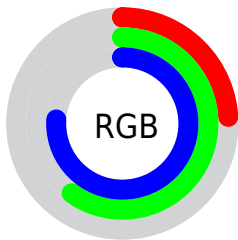
Format	Color
R_{YB}	62, 116, 195
Decimal	4102339
CIE _{Lab}	59.36, -12.96, -30.03
CIE _{LCh}	59, 32.705, 246.649
Yxy	27.4207, 0.2172, 0.2582
Android (android.graphics.Color)	4282292419 (0xFF3E98C3)
YUV	129.9920, 32.0489, -59.6290
Hunter-Lab	52.3648, -13.0144, -26.4186

Details

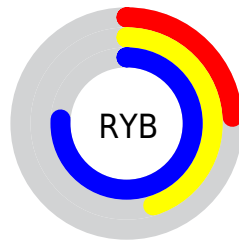
The YUV color **129.9920, 32.0489, -59.6290** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **127.0080, -32.0489, 59.6290**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7260, 32.1801, -55.0107**, and **75.3610, 32.3600, -66.0916** is the 20% darker color. If you saturate the color by 10%, you get **120.7890, 36.5860, -68.2210**, and if you desaturate by 10%, it is **139.4940, 27.3645, -50.4222**.

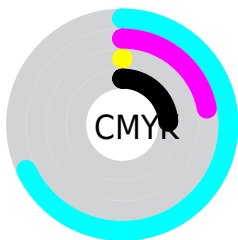
Distribution



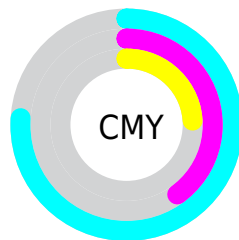
- Red (24%)
- Green (60%)
- Blue (76%)



- Red (24%)
- Yellow (45%)
- Blue (76%)



- Cyan (68%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9920, 32.0489, -59.6290 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 129.9920, 32.0489, -59.6290 by changing the saturation by 10% instead.

■ 129.9920, 32.0489,
-59.6290

■ 129.9920, 32.0489,
-59.6290

■ 255.0000, 0.0000,
0.0000

■ 98.4960, 34.2655,
-70.5950

■ 186.7260, 32.1801,
-55.0107

■ 75.3610, 32.3600,
-66.0916

■ 212.1750, 21.1127,
-51.8965

■ 58.3090, 27.9487,
-51.1370

■ 233.4720, 10.6133,
-44.2639

■ 42.0720, 24.1215,
-36.8971

■ 242.4420, 6.1911,
-25.8206

■ 27.0090, 19.7156,
-23.6869

■ 251.4120, 1.7689,
-7.3773

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 129.9920, 32.0489,
-59.6290

■ 129.9920, 32.0489,
-59.6290

■ 120.7890, 36.5860,
-68.2210

■ 139.4940, 27.3645,
-50.4222

■ 110.7000, 41.5599,
-76.9129

■ 149.2840, 22.5380,
-42.3451

■ 101.4970, 46.0970,
-85.5049

■ 158.7860, 17.8535,
-33.1383

■ 99.7140, 46.9760,
-87.4492

■ 167.9890, 13.3164,
-24.5464

■ 178.0780, 8.3425,
-15.8544

■ 187.2810, 3.8055,
-7.2624

■ 196.7830, -0.8790,
1.9443

■ 205.9860, -5.4161,
10.5363

■ 216.0750,
-10.3900, 19.2282

Harmonies

Analogous

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



118.8010, 28.1991, -84.8945



129.9920, 32.0489, -59.6290



140.8160, 29.1777, -25.2716

Triad

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



129.9920, 32.0489, -59.6290



145.9610, -3.9248, 45.6382



136.9560, -20.1913, -10.4854

Complementary

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



129.9920, 32.0489, -59.6290



127.0080, -32.0489, 59.6290

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.



140.2750, -27.2506, 13.7908



129.9920, 32.0489, -59.6290



143.9320, -16.7285, 45.6636

Square

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



129.9920, 32.0489, -59.6290



146.7280, 9.5011, 32.6875



142.5640, -25.4211, 33.7084



132.0480, -6.4327, -36.8761

Rectangle

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



129.9920, 32.0489, -59.6290



144.9930, 24.1605, -2.6249



142.5640, -25.4211, 33.7084



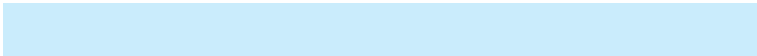
138.5010, -23.4180, -2.1934

Sweetspot

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



129.9920, 32.0489, -59.6290



227.6580, 12.0006, -22.5021



144.8590, -20.1435, -72.6673



112.8610, 7.4635, -13.9101



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.



129.9920, 32.0489, -59.6290



151.3650, 49.6131, -93.2821



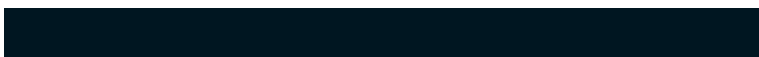
91.2500, 51.1487, -25.6522



92.2490, 2.3422, -4.6034



82.3370, 38.7809, -72.2095



16.6760, 8.0477, -14.6249

Inverse Universe

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



112.0270, 19.7067, 72.7673



122.9670, 31.0753, 113.1619



165.7500, -51.1487, 25.6522



90.7880, 1.5835, 5.4479



60.5650, 23.8785, 88.0815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 129.9920, 32.0489, -59.6290 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 129.9920, 32.0489, -59.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

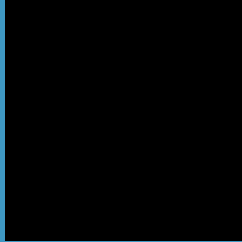
Any Text WCAG AA ✓ Pass

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 129.9920, 32.0489, -59.6290 Background



This preview shows how black text looks on a background with the YUV color 129.9920, 32.0489, -59.6290.



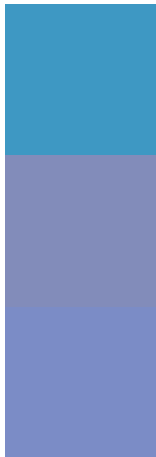
This preview shows how white text looks on a background with the YUV color 129.9920, 32.0489, -59.6290.

-59.6290.

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

129.9920, 32.0489, -59.6290

Protanopia

142.2540, 21.5668, -10.7468

Deuteranopia

141.5290, 27.8402, -16.2499



Tritanopia

125.1790, 21.6038, -69.4400

Trichromacy



Original Color

129.9920, 32.0489, -59.6290

Protanomaly

137.4690, 25.4048, -28.4753

Deuteranomaly

137.1850, 29.4888, -31.7342

Tritanomaly

126.8250, 25.2293, -65.6215

Monochromacy



Original Color

129.9920, 32.0489, -59.6290

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9570, 11.8532, -21.8873

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9920, 32.0489, -59.6290 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(62, 152, 195)` looks like.

```
.text, #text, p{  
    color:rgb(62, 152, 195)  
}
```

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(62, 152, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 152, 195) }
```

Border

The CSS property to change the border of an element to YUV 129.9920, 32.0489, -59.6290 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(62, 152, 195) }
```


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

```
.border{ border-color:rgb(62, 152, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 152, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 152, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 152, 195);  
box-shadow:4px 4px 4px 4px rgb(62, 152,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 129.9920, 32.0489, -59.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 152, 195) }
```

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

```
.background{ background-color: rgb(62, 152,  
195) }
```

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