

Converting Colors

YUV(129.4270, 19.0165,
-32.8235)

Have a look what the booklet for
YUV(129.4270, 19.0165, -32.8235)
contains.

YUV(129.4270, 19.0165, -32.8235)	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(129.4270, 19.0165,
-32.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8DA8
RGB	92, 141, 168
RGB Percent	36%, 55%, 66%
CMY	0.6392, 0.4471, 0.3412
CMYK	0.45, 0.16, 0.00, 0.34
HSL	201°, 30%, 51%
HSV	201°, 45%, 66%
XYZ	21.0064, 24.1522, 40.6005
YIQ	129.4270, -37.8710, -1.9910

Conversions

Conversions Part 2

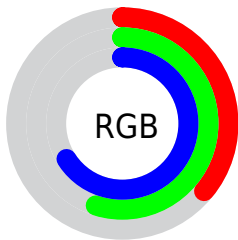
Format	Color
R_{YB}	92, 122, 168
Decimal	6065576
CIE _{Lab}	56.24, -9.08, -19.40
CIE _{LCh}	56, 21.420, 244.928
Yxy	24.1522, 0.2449, 0.2816
Android (android.graphics.Color)	4284255656 (0xFF5C8DA8)
YUV	129.4270, 19.0165, -32.8235
Hunter-Lab	49.1449, -9.7059, -14.5803

Details

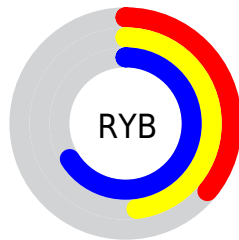
The YUV color **129.4270, 19.0165, -32.8235** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **130.5730, -19.0165, 32.8235**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5410, 19.4533, -32.9235**, and **78.0030, 18.7325, -35.0826** is the 20% darker color. If you saturate the color by 10%, you get **120.8220, 23.2588, -40.1859**, and if you desaturate by 10%, it is **138.0320, 14.7742, -25.4611**.

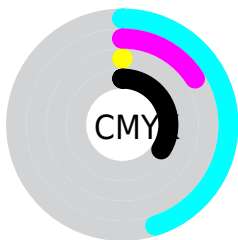
Distribution



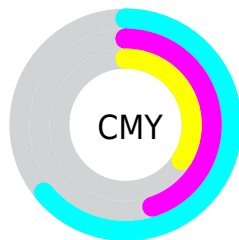
- Red (36%)
- Green (55%)
- Blue (66%)



- Red (36%)
- Yellow (48%)
- Blue (66%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4270, 19.0165, -32.8235 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 129.4270, 19.0165, -32.8235 by changing the saturation by 10% instead.

■ 129.4270, 19.0165,
-32.8235

■ 129.4270, 19.0165,
-32.8235

255.0000, 0.0000,
0.0000

■ 103.1280, 19.1639,
-33.4383

■ 183.5410, 19.4533,
-32.9235

■ 78.0030, 18.7325,
-35.0826

■ 211.3560, 20.0375,
-33.6382

■ 49.7030, 20.3594,
-43.5895

■ 236.8050, 8.9701,
-30.5240

■ 34.1670, 16.6797,
-29.9645

■ 247.5250, 3.6852,
-15.3694

■ 19.8050, 12.4211,
-17.3690

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 129.4270, 19.0165,
-32.8235

■ 129.4270, 19.0165,
-32.8235

■ 120.8220, 23.2588,
-40.1859

■ 138.0320, 14.7742,
-25.4611

■ 112.2170, 27.5010,
-47.5483

■ 146.6370, 10.5320,
-18.0986

■ 103.9110, 31.5959,
-54.2959

■ 154.9430, 6.4371,
-11.3510

■ 95.3060, 35.8381,
-61.6584

■ 163.5480, 2.1948,
-3.9886

■ 86.7010, 40.0804,
-69.0208

■ 172.1530, -2.0474,
3.3738

■ 82.5480, 42.1278,
-72.3946

■ 180.7580, -6.2897,
10.7362

■ 189.3630,
-10.5320, 18.0986

■ 197.6690,
-14.6268, 24.8463

■ 206.2740,
-18.8691, 32.2087

Harmonies

Analogous

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



126.1180, 14.2388, -40.4455



129.4270, 19.0165, -32.8235



133.5370, 18.9623, -15.3799

Triad

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



129.4270, 19.0165, -32.8235



137.5030, -2.7130, 30.2539



131.4110, -13.5136, -5.6224

Complementary

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



129.4270, 19.0165, -32.8235



130.5730, -19.0165, 32.8235

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.



133.7720, -17.6356, 9.8470



129.4270, 19.0165, -32.8235



136.3260, -11.0067, 30.4091

Square

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



129.4270, 19.0165, -32.8235



138.1410, 6.3395, 20.0473



135.2020, -16.3686, 23.5018



129.0760, -5.4605, -21.9917

Rectangle

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



129.4270, 19.0165, -32.8235



136.1150, 15.7193, -1.8549



135.2020, -16.3686, 23.5018



131.9880, -15.2771, 0.0105

Sweetspot

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



129.4270, 19.0165, -32.8235



203.5730, 7.6055, -12.7805



139.6900, -10.2002, -41.8241



100.2100, 4.8265, -8.0772



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.4270, 19.0165, -32.8235



159.0640, 29.5484, -50.9221



107.1210, 30.0133, -13.2611



79.8470, 2.0474, -3.3738



72.6370, 37.1540, -63.7026



9.9110, 4.9739, -8.6919

Inverse Universe

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



120.3100, 10.2002, 41.8241



144.9460, 15.8026, 64.9454



152.8790, -30.0133, 13.2611



78.9620, 1.0047, 4.4183



55.0820, 19.6796, 81.4891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 129.4270, 19.0165, -32.8235 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 129.4270, 19.0165, -32.8235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

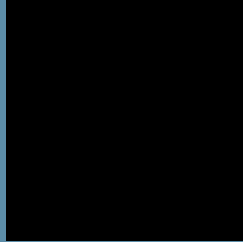
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4270, 19.0165, -32.8235

Background



This preview shows how black text looks on a background with the YUV color 129.4270, 19.0165, -32.8235.



This preview shows how white text looks on a background with the YUV color 129.4270, 19.0165,

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

129.4270, 19.0165, -32.8235

Protanopia

134.8110, 13.4042, -5.9732

Deuteranopia

135.4350, 17.0405, -5.6435



Tritanopia

127.9230, 13.3490, -35.0125

Trichromacy



Original Color

129.4270, 19.0165, -32.8235

Protanomaly

132.9130, 15.3259, -15.7097

Deuteranomaly

133.1950, 17.6519, -15.0800

Tritanomaly

128.2050, 15.6749, -34.3828

Monochromacy



Original Color

129.4270, 19.0165, -32.8235

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4270, 19.0165, -32.8235 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(92, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(92, 141, 168)  
}
```

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(92, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 141, 168) }
```

Border

The CSS property to change the border of an element to YUV 129.4270, 19.0165, -32.8235 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(92, 141, 168) }
```


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

```
.border{ border-color:rgb(92, 141, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(92, 141,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 129.4270, 19.0165, -32.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 141, 168) }
```

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

```
.background{ background-color: rgb(92, 141,  
168) }
```

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