

Converting Colors

YUV(131.1340, 30.0069,
-57.9995)

Have a look what the booklet for
YUV(131.1340, 30.0069, -57.9995)
contains.

YUV(131.1340, 30.0069, -57.9995)	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(131.1340, 30.0069,
-57.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	4199C0
RGB	65, 153, 192
RGB Percent	25%, 60%, 75%
CMY	0.7451, 0.4000, 0.2471
CMYK	0.66, 0.20, 0.00, 0.25
HSL	198°, 50%, 50%
HSV	198°, 66%, 75%
XYZ	23.0856, 27.7121, 54.0014
YIQ	131.1340, -64.9670, -6.5270

Conversions

Conversions Part 2

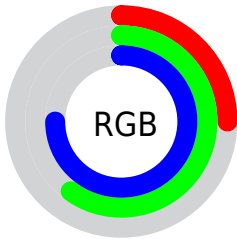
Format	Color
R_{YB}	65, 117, 192
Decimal	4299200
CIE _{Lab}	59.63, -14.02, -27.92
CIE _{LCh}	60, 31.240, 243.340
Yxy	27.7121, 0.2203, 0.2644
Android (android.graphics.Color)	4282489280 (0xFF4199C0)
YUV	131.1340, 30.0069, -57.9995
Hunter-Lab	52.6422, -13.8448, -23.9712

Details

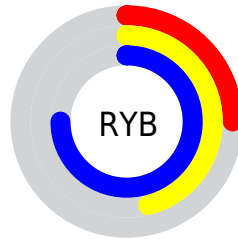
The YUV color **131.1340, 30.0069, -57.9995** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **125.8660, -30.0069, 57.9995**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5690, 30.2855, -53.9960**, and **75.6060, 30.7602, -66.3065** is the 20% darker color. If you saturate the color by 10%, you get **121.9310, 34.5440, -66.5915**, and if you desaturate by 10%, it is **140.3370, 25.4699, -49.4075**.

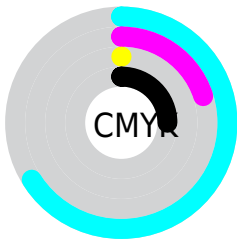
Distribution



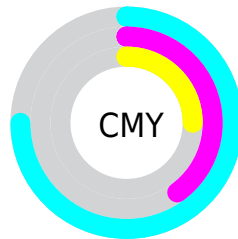
- Red (25%)
- Green (60%)
- Blue (75%)



- Red (25%)
- Yellow (46%)
- Blue (75%)



- Cyan (66%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1340, 30.0069, -57.9995 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 131.1340, 30.0069, -57.9995 by changing the saturation by 10% instead.

■ 131.1340, 30.0069,
-57.9995

■ 131.1340, 30.0069,
-57.9995

■ 255.0000, 0.0000,
0.0000

■ 100.8340, 31.6338,
-66.5064

■ 187.5690, 30.2855,
-53.9960

■ 75.6060, 30.7602,
-66.3065

■ 213.9470, 20.2391,
-51.6965

■ 58.6680, 26.7857,
-51.4518

■ 233.7710, 10.4659,
-43.6492

■ 42.3170, 22.5217,
-37.1120

■ 242.7410, 6.0437,
-25.2059

■ 27.3680, 18.5526,
-24.0017

■ 251.7110, 1.6215,
-6.7625

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 131.1340, 30.0069,
-57.9995

■ 131.1340, 30.0069,
-57.9995

■ 121.9310, 34.5440,
-66.5915

■ 140.3370, 25.4699,
-49.4075

■ 112.7280, 39.0811,
-75.1835

■ 149.5400, 20.9328,
-40.8156

■ 103.2260, 43.7656,
-84.3902

■ 159.0420, 16.2483,
-31.6088

■ 99.9590, 45.3762,
-87.6640

■ 168.2450, 11.7112,
-23.0169

■ 176.8610, 7.4635,
-13.9101

■ 186.0640, 2.9264,
-5.3181

■ 195.2670, -1.6106,
3.2738

■ 204.7690, -6.2951,
12.4806

■ 213.9720,
-10.8322, 21.0726

Harmonies

Analogous

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



123.5420, 24.3828, -74.1433



131.1340, 30.0069, -57.9995



140.5770, 28.3095, -26.8160

Triad

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



131.1340, 30.0069, -57.9995



146.4060, -2.1722, 43.4939



138.5650, -20.4915, -7.5115

Complementary

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



131.1340, 30.0069, -57.9995



125.8660, -30.0069, 57.9995

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.



141.5140, -26.3824, 15.3352



131.1340, 30.0069, -57.9995



145.0890, -14.8339, 44.6489

Square

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



131.1340, 30.0069, -57.9995



147.3470, 10.6749, 29.5137



143.3190, -23.8213, 33.9232



134.0270, -7.9013, -32.4727

Rectangle

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



131.1340, 30.0069, -57.9995



144.9710, 24.1713, -6.1136



143.3190, -23.8213, 33.9232



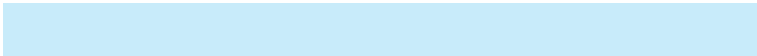
139.8110, -23.5708, 0.1658

Sweetspot

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



131.1340, 30.0069, -57.9995



226.2450, 11.7112, -23.0169



143.8810, -20.1543, -69.1786



110.7470, 7.0267, -13.8101



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.



131.1340, 30.0069, -57.9995



154.9910, 46.8394, -90.3231



94.1530, 48.2386, -25.5672



92.2490, 2.3422, -4.6034



83.5110, 38.2021, -73.2391



17.2630, 7.7583, -15.1397

Inverse Universe

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



113.0050, 19.7175, 69.2786



126.8200, 30.6547, 108.0289



162.8470, -48.2386, 25.5672



90.7880, 1.5835, 5.4479



60.7930, 24.7521, 87.8815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 131.1340, 30.0069, -57.9995 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 131.1340, 30.0069, -57.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

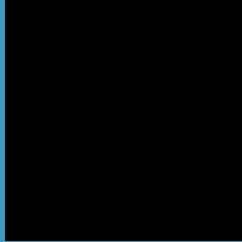
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.1340, 30.0069, -57.9995

Background



This preview shows how black text looks on a background with the YUV color 131.1340, 30.0069, -57.9995.

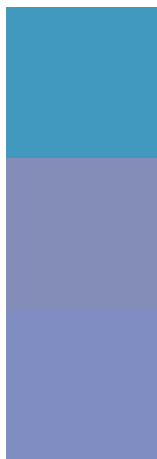


This preview shows how white text looks on a background with the YUV color 131.1340, 30.0069,

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

131.1340, 30.0069, -57.9995

Protanopia

143.0970, 19.6722, -9.7321

Deuteranopia

142.9700, 25.6508, -14.0057



Tritanopia

127.0870, 21.1561, -65.8513

Trichromacy



Original Color

131.1340, 30.0069, -57.9995

Protanomaly

138.6110, 23.3628, -26.8458

Deuteranomaly

138.3270, 27.4468, -30.1048

Tritanomaly

128.9070, 24.2028, -63.0624

Monochromacy



Original Color

131.1340, 30.0069, -57.9995

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0280, 10.8322, -21.0726

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1340, 30.0069, -57.9995 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(65, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(65, 153, 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(65, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 153, 192) }
```

Border

The CSS property to change the border of an element to YUV 131.1340, 30.0069, -57.9995 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(65, 153, 192) }
```


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

```
.border{ border-color:rgb(65, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(65, 153,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 131.1340, 30.0069, -57.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 153, 192) }
```

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

```
.background{ background-color: rgb(65, 153,  
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](#).

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