

Converting Colors

YUV(123.9930, 17.2585,
-28.9349)

Have a look what the booklet for
YUV(123.9930, 17.2585, -28.9349)
contains.

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Color

**YUV(123.9930, 17.2585,
-28.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	5B869F
RGB	91, 134, 159
RGB Percent	36%, 53%, 62%
CMY	0.6431, 0.4745, 0.3765
CMYK	0.43, 0.16, 0.00, 0.38
HSL	202°, 27%, 49%
HSV	202°, 43%, 62%
XYZ	19.0975, 21.7775, 35.9978
YIQ	123.9930, -33.6530, -1.3410

Conversions

Conversions Part 2

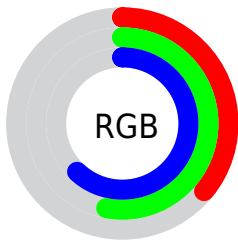
Format	Color
R _Y B	91, 117, 159
Decimal	5998239
CIE Lab	53.79, -7.97, -17.97
CIE LCh	54, 19.653, 246.085
Yxy	21.7775, 0.2484, 0.2833
Android (android.graphics.Color)	4284188319 (0xFF5B869F)
YUV	123.9930, 17.2585, -28.9349
Hunter-Lab	46.6664, -8.6179, -13.0690

Details

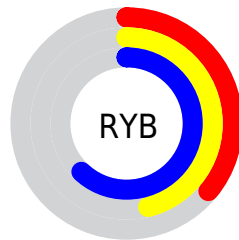
The YUV color **123.9930, 17.2585, -28.9349** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **126.0070, -17.2585, 28.9349**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2210, 18.1320, -29.1348**, and **73.2810, 17.1165, -30.0644** is the 20% darker color. If you saturate the color by 10%, you get **115.6870, 21.3533, -35.6825**, and if you desaturate by 10%, it is **132.2990, 13.1636, -22.1872**.

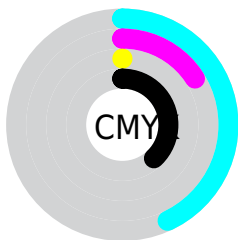
Distribution



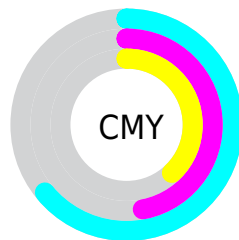
- Red (36%)
- Green (53%)
- Blue (62%)



- Red (36%)
- Yellow (46%)
- Blue (62%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9930, 17.2585, -28.9349 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 123.9930, 17.2585, -28.9349 by changing the saturation by 10% instead.

■ 123.9930, 17.2585,
-28.9349

■ 123.9930, 17.2585,
-28.9349

■ 255.0000, 0.0000,
0.0000

■ 98.5800, 16.9691,
-29.4497

■ 177.2210, 18.1320,
-29.1348

■ 73.2810, 17.1165,
-30.0644

■ 204.9220, 18.2795,
-29.7496

■ 47.0630, 17.7169,
-36.0123

■ 231.2120, 11.7275,
-28.2499

■ 30.3200, 14.6322,
-26.5906

■ 246.9270, 3.9800,
-16.5990

■ 15.4850, 11.0999,
-13.5803

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 123.9930, 17.2585,
-28.9349

■ 123.9930, 17.2585,
-28.9349

■ 115.6870, 21.3533,
-35.6825

■ 132.2990, 13.1636,
-22.1872

■ 107.3810, 25.4482,
-42.4301

■ 140.6050, 9.0687,
-15.4396

■ 99.0750, 29.5430,
-49.1778

■ 148.9110, 4.9739,
-8.6919

■ 91.3560, 33.3485,
-56.4402

■ 156.6300, 1.1684,
-1.4295

■ 83.0500, 37.4434,
-63.1878

■ 164.9360, -2.9264,
5.3181

■ 77.4130, 40.2224,
-67.8912

■ 172.9430, -6.8739,
11.4510

■ 181.2490,
-10.9688, 18.1986

■ 189.5550,
-15.0636, 24.9463

■ 197.8610,
-19.1585, 31.6939

Harmonies

Analogous

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



121.2110, 13.2070, -36.1420



123.9930, 17.2585, -28.9349



127.9780, 16.7728, -13.1357

Triad

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



123.9930, 17.2585, -28.9349



130.8940, -2.4127, 27.2800



125.7530, -12.2032, -5.9224

Complementary

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



123.9930, 17.2585, -28.9349



126.0070, -17.2585, 28.9349

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.



127.8150, -16.1778, 8.9322



123.9930, 17.2585, -28.9349



130.1300, -10.4171, 27.9500

Square

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



123.9930, 17.2585, -28.9349



131.3150, 5.7607, 19.0177



129.1200, -15.3422, 20.9428



123.3150, -4.5923, -20.4473

Rectangle

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



123.9930, 17.2585, -28.9349



129.7730, 14.4089, -1.5549



129.1200, -15.3422, 20.9428



126.0310, -13.8193, -0.9042

Sweetspot

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



123.9930, 17.2585, -28.9349



193.0570, 6.8739, -11.4510



133.7660, -8.7586, -37.5058



95.8080, 4.5317, -6.8476



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.9930, 17.2585, -28.9349



152.4130, 26.9114, -45.0892



104.0350, 27.0977, -11.4317



74.8470, 2.0474, -3.3738



69.1320, 36.4169, -60.6288



7.5800, 3.6581, -6.6477

Inverse Universe

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



116.2340, 8.7586, 37.5058



140.3320, 13.6403, 58.4678



145.9650, -27.0977, 11.4317



73.9620, 1.0047, 4.4183



53.0170, 18.2326, 78.9151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 123.9930, 17.2585, -28.9349 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 123.9930, 17.2585, -28.9349 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

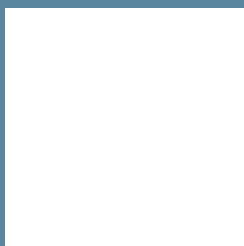
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.9930, 17.2585, -28.9349

Background



This preview shows how black text looks on a background with the YUV color 123.9930, 17.2585, -28.9349.



This preview shows how white text looks on a background with the YUV color 123.9930, 17.2585, -28.9349.

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

123.9930, 17.2585, -28.9349

Protanopia

128.5830, 12.5306, -5.7733

Deuteranopia

129.3920, 15.5827, -4.7288



Tritanopia

122.9020, 11.8803, -30.6091

Trichromacy



Original Color

123.9930, 17.2585, -28.9349

Protanomaly

127.2830, 14.1575, -14.2802

Deuteranomaly

127.4510, 16.0467, -13.5505

Tritanomaly

123.0700, 13.7695, -29.8794

Monochromacy



Original Color

123.9930, 17.2585, -28.9349

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2420, 6.2897, -10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9930, 17.2585, -28.9349 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(91, 134, 159)` looks like.

```
.text, #text, p{  
    color:rgb(91, 134, 159)  
}
```

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(91, 134, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 134, 159) }
```

Border

The CSS property to change the border of an element to YUV 123.9930, 17.2585, -28.9349 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

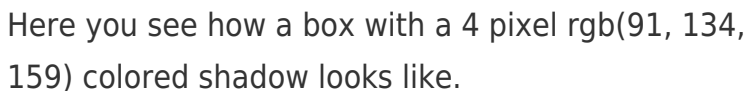
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 134, 159) }
```


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

```
.border{ border-color:rgb(91, 134, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 134, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 134, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 134, 159); box-shadow:4px 4px 4px 4px rgb(91, 134, 159) }
```

Background

The CSS property to change the background color of an element to YUV 123.9930, 17.2585, -28.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 134, 159) }
```

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

```
.background{ background-color: rgb(91, 134,  
159) }
```

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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