

Converting Colors

YUV(131.9930, 17.2585,
-28.9349)

Have a look what the booklet for
YUV(131.9930, 17.2585, -28.9349)
contains.

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Color

**YUV(131.9930, 17.2585,
-28.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	638EA7
RGB	99, 142, 167
RGB Percent	39%, 56%, 65%
CMY	0.6118, 0.4431, 0.3451
CMYK	0.41, 0.15, 0.00, 0.35
HSL	202°, 28%, 52%
HSV	202°, 41%, 65%
XYZ	21.7936, 24.7887, 40.1953
YIQ	131.9930, -33.6530, -1.3410

Conversions

Conversions Part 2

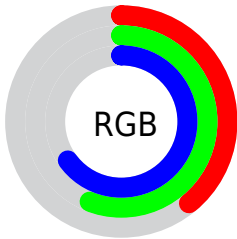
Format	Color
R _{YB}	99, 125, 167
Decimal	6524583
CIE _{Lab}	56.87, -8.06, -17.84
CIE _{LCh}	57, 19.572, 245.688
Y _{xy}	24.7887, 0.2511, 0.2857
Android (android.graphics.Color)	4284714663 (0xFF638EA7)
YUV	131.9930, 17.2585, -28.9349
Hunter-Lab	49.7882, -8.9951, -13.0145

Details

The YUV color $131.9930, 17.2585, -28.9349$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $134.0070, -17.2585, 28.9349$, and the grayscale version is $132.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $185.8080, 17.8427, -29.6496$, and $81.1670, 16.6797, -29.9645$ is the 20% darker color. If you saturate the color by 10%, you get $123.3880, 21.5007, -36.2973$, and if you desaturate by 10%, it is $140.5980, 13.0162, -21.5724$.

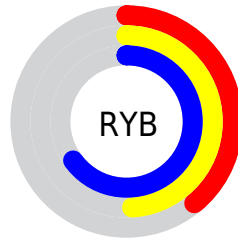
Distribution



Red (39%)

Green (56%)

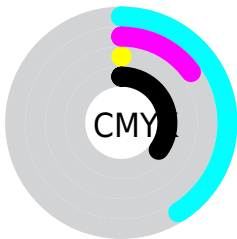
Blue (65%)



Red (39%)

Yellow (49%)

Blue (65%)

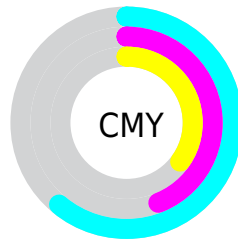


Cyan (41%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9930, 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 131.9930, 17.2585, -28.9349 by changing the saturation by 10% instead.

■ 131.9930, 17.2585,
-28.9349

■ 131.9930, 17.2585,
-28.9349

■ 255.0000, 0.0000,
0.0000

■ 105.9930, 17.2585,
-28.9349

■ 185.8080, 17.8427,
-29.6496

■ 81.1670, 16.6797,
-29.9645

■ 213.9220, 18.2795,
-29.7496

■ 55.5580, 16.9799,
-32.9384

■ 239.1860, 7.7963,
-27.3501

■ 34.6400, 15.9535,
-30.3793

■ 249.6180, 2.6533,
-11.0660

■ 20.3920, 12.1317,
-17.8838

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 131.9930, 17.2585,
-28.9349

■ 131.9930, 17.2585,
-28.9349

■ 123.3880, 21.5007,
-36.2973

■ 140.5980, 13.0162,
-21.5724

■ 115.0820, 25.5956,
-43.0449

■ 148.9040, 8.9213,
-14.8248

■ 106.4770, 29.8378,
-50.4073

■ 157.5090, 4.6791,
-7.4624

■ 97.2850, 34.3695,
-57.2549

■ 166.7010, 0.1474,
-0.6148

■ 88.9790, 38.4644,
-64.0026

■ 175.0070, -3.9475,
6.1329

■ 81.2600, 42.2698,
-71.2650

■ 183.6120, -8.1897,
13.4953

■ 192.2170,
-12.4320, 20.8577

■ 200.8220,
-16.6742, 28.2201

■ 209.1280,
-20.7691, 34.9677

Harmonies

Analogous

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



129.2110, 13.2070, -36.1420



131.9930, 17.2585, -28.9349



135.6790, 16.9203, -13.7505

Triad

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



131.9930, 17.2585, -28.9349



139.1930, -2.5601, 27.8947



133.0520, -12.3506, -5.3076

Complementary

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



131.9930, 17.2585, -28.9349



134.0070, -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.



135.2280, -15.8884, 9.4470



131.9930, 17.2585, -28.9349



138.1300, -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.



131.9930, 17.2585, -28.9349



139.3150, 5.7607, 19.0177



137.1200, -15.3422, 20.9428



131.3150, -4.5923, -20.4473

Rectangle

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



131.9930, 17.2585, -28.9349



137.7730, 14.4089, -1.5549



137.1200, -15.3422, 20.9428



134.3300, -13.9667, -0.2894

Sweetspot

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



131.9930, 17.2585, -28.9349



203.3560, 6.7265, -10.8362



141.7660, -8.7586, -37.5058



101.6940, 4.0949, -6.7476



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.



131.9930, 17.2585, -28.9349



162.4130, 26.9114, -45.0892



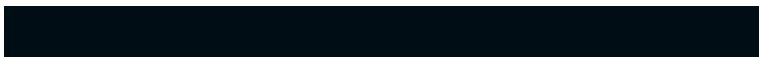
112.0350, 27.0977, -11.4317



79.8470, 2.0474, -3.3738



72.0500, 37.4434, -63.1878



9.9110, 4.9739, -8.6919

Inverse Universe

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



124.2340, 8.7586, 37.5058



150.3320, 13.6403, 58.4678



153.9650, -27.0977, 11.4317



78.9620, 1.0047, 4.4183



54.9680, 19.2428, 81.5891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 131.9930, 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 131.9930, 17.2585, -28.9349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

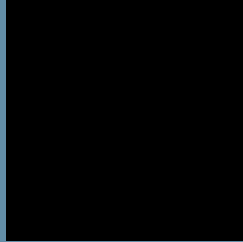
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9930, 17.2585, -28.9349

Background



This preview shows how black text looks on a background with the YUV color 131.9930, 17.2585, -28.9349.



This preview shows how white text looks on a background with the YUV color 131.9930, 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

131.9930, 17.2585, -28.9349

Protanopia

136.5830, 12.5306, -5.7733

Deuteranopia

136.8050, 15.8721, -4.2140



Tritanopia

131.0160, 12.3171, -30.7090

Trichromacy



Original Color

131.9930, 17.2585, -28.9349

Protanomaly

135.2830, 14.1575, -14.2802

Deuteranomaly

134.8640, 16.3360, -13.0357

Tritanomaly

131.1840, 14.2063, -29.9794

Monochromacy



Original Color

131.9930, 17.2585, -28.9349

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2420, 6.2897, -10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9930, 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(99, 142, 167)` looks like.

```
.text, #text, p{  
    color:rgb(99, 142, 167)  
}
```

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(99, 142, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 142, 167) }
```

Border

The CSS property to change the border of an element to YUV 131.9930, 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(99, 142, 167) }
```


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

```
.border{ border-color:rgb(99, 142, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 142, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 142, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 142, 167);  
box-shadow:4px 4px 4px 4px rgb(99, 142,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 131.9930, 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(99, 142, 167) }
```

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

```
.background{ background-color: rgb(99, 142,  
167) }
```

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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