

Converting Colors

YUV(128.9070, -63.0582,
-27.9824)

Have a look what the booklet for
YUV(128.9070, -63.0582, -27.9824)
contains.

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Color

**YUV(128.9070, -63.0582,
-27.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	61AA01
RGB	97, 170, 1
RGB Percent	38%, 67%, 0%
CMY	0.6196, 0.3333, 0.9961
CMYK	0.43, 0.00, 0.99, 0.33
HSL	86°, 99%, 34%
HSV	86°, 99%, 67%
XYZ	19.3100, 31.2930, 5.0511
YIQ	128.9070, 10.7410, -68.0350

Conversions

Conversions Part 2

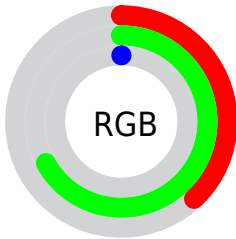
Format	Color
RYB	1, 170, 74
Decimal	6400513
CIELab	62.75, -45.52, 63.92
CIELCh	63, 78.474, 125.458
Yxy	31.2930, 0.3470, 0.5623
Android (android.graphics.Color)	4284590593 (0xFF61AA01)
YUV	128.9070, -63.0582, -27.9824
Hunter-Lab	55.9402, -36.2789, 33.8045

Details

The YUV color **128.9070, -63.0582, -27.9824** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **42.0930, 63.0582, 27.9824**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2580, -55.3432, -29.1673**, and **79.4430, -39.1654, -38.0995** is the 20% darker color. If you saturate the color by 10%, you get **128.7930, -63.4949, -27.8825**, and if you desaturate by 10%, it is **132.9380, -56.6644, -25.3786**.

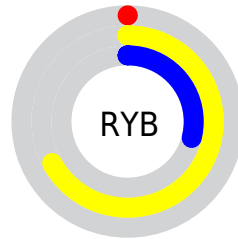
Distribution



Red (38%)

Green (67%)

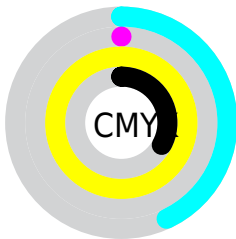
Blue (0%)



Red (0%)

Yellow (67%)

Blue (29%)

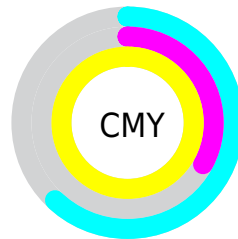


Cyan (43%)

Magenta (0%)

Yellow (99%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9070, -63.0582, -27.9824 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 128.9070, -63.0582, -27.9824 by changing the saturation by 10% instead.

■ 128.9070,
-63.0582, -27.9824

■ 128.9070,
-63.0582, -27.9824

■ 255.0000, 0.0000,
0.0000

■ 104.2730,
-51.4066, -31.8114

■ 187.2580,
-55.3432, -29.1673

■ 79.4430, -39.1654,
-38.0995

■ 216.1440,
-55.7800, -29.0673

■ 54.0040, -26.6240,
-47.3615

■ 228.0070,
-47.8245, -14.0381

■ 39.3290, -19.3892,
-34.4915

■ 240.1690,
-40.0163, 1.6058

■ 26.4150, -13.0226,
-23.1660

■ 247.2480,
-29.7023, 6.7985

■ 9.9790, -4.9196,
-8.7516

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

128.9070,
-63.0582, -27.9824

128.9070,
-63.0582, -27.9824

128.7930,
-63.4949, -27.8825

132.9380,
-56.6644, -25.3786

137.2680,
-50.4181, -22.1600

141.2990,
-44.0244, -19.5562

145.3300,
-37.6307, -16.9524

149.6600,
-31.3844, -13.7338

■ 153.6910,
-24.9907, -11.1300

■ 157.7220,
-18.5969, -8.5262

■ 162.0520,
-12.3506, -5.3076

■ 166.0830, -5.9569,
-2.7038

Harmonies

Analogous

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



140.9400, -69.4834, 26.3626



128.9070, -63.0582, -27.9824



115.3330, -12.4892, -101.1470

Triad

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



128.9070, -63.0582, -27.9824



131.2080, 61.0295, -115.0694



134.1100, 3.8898, 106.0205

Complementary

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



128.9070, -63.0582, -27.9824



42.0930, 63.0582, 27.9824

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.



149.8400, 30.1519, 82.5783



128.9070, -63.0582, -27.9824



120.6420, 66.2385, -105.8030

Square

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



128.9070, -63.0582, -27.9824



133.1680, 48.2312, -116.7883



153.5520, 50.0139, 11.7939



138.7990, -31.4529, 101.9083

Rectangle

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



128.9070, -63.0582, -27.9824



122.6800, 8.0458, -107.5904



153.5520, 50.0139, 11.7939



138.0200, 13.7941, 102.5915

Sweetspot

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



128.9070, -63.0582, -27.9824



205.6910, -24.9907, -11.1300



92.6210, -45.1692, 67.8614



102.3570, -14.9660, -6.4521



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



128.9070, -63.0582, -27.9824



167.9880, -82.8181, -36.8235



104.3890, -50.9708, -78.3942



82.1910, -3.0522, -1.0445



111.9920, -55.2121, -24.5490



15.3280, -7.5567, -2.9187

Inverse Universe

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



42.0930, 63.0582, 27.9824



54.0120, 82.8181, 36.8235



66.6110, 50.9708, 78.3942



77.8090, 3.0522, 1.0445



36.0080, 55.2121, 24.5490



4.9710, 7.4093, 3.5334

Previews

White Background



This preview shows how the YUV color 128.9070, -63.0582, -27.9824 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 128.9070, -63.0582, -27.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

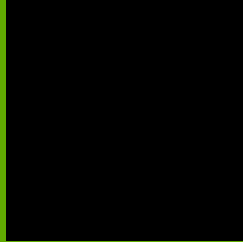
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 128.9070, -63.0582, -27.9824 Background



This preview shows how black text looks on a background with the YUV color 128.9070, -63.0582, -27.9824.



This preview shows how white text looks on a background with the YUV color 128.9070, -63.0582, -27.9824.

-27.9824.

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

128.9070, -63.0582, -27.9824

Protanopia

139.4670, -68.7572, 26.7774

Deuteranopia

144.6270, -54.5391, 39.7921



Tritanopia

147.2230, 11.7221, -26.5056

Trichromacy



Original Color

128.9070, -63.0582, -27.9824

Protanomaly

135.5030, -66.8030, 6.5749

Deuteranomaly

138.9630, -57.6628, 14.9414

Tritanomaly

140.4100, -15.4851, -26.6696

Monochromacy



Original Color

128.9070, -63.0582, -27.9824

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8590, -23.1015, -10.4003

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9070, -63.0582, -27.9824 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(97, 170, 1)` looks like.

```
.text, #text, p{  
    color:rgb(97, 170, 1)  
}
```

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(97, 170, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 170, 1) }
```

Border

The CSS property to change the border of an element to YUV 128.9070, -63.0582, -27.9824 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(97, 170, 1) }
```


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

```
.border{ border-color:rgb(97, 170, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 170, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 170, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 170, 1);  
box-shadow:4px 4px 4px 4px rgb(97, 170, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 128.9070, -63.0582, -27.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 170, 1) }
```

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

```
.background{ background-color: rgb(97, 170,  
1) }
```

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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