

Converting Colors

YUV(128.1600, -63.1829,
12.1377)

Have a look what the booklet for
YUV(128.1600, -63.1829, 12.1377)
contains.

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Color

**YUV(128.1600, -63.1829,
12.1377)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9200
RGB	142, 146, 0
RGB Percent	56%, 57%, 0%
CMY	0.4431, 0.4275, 1.0000
CMYK	0.03, 0.00, 1.00, 0.43
HSL	62°, 100%, 29%
HSV	62°, 100%, 57%
XYZ	21.4342, 26.3086, 3.9484
YIQ	128.1600, 44.4820, -46.2540

Conversions

Conversions Part 2

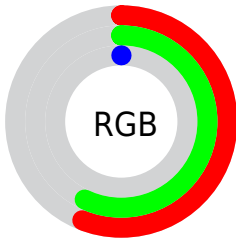
Format	Color
RYB	0, 146, 4
Decimal	9343488
CIELab	58.33, -16.04, 61.95
CIELCh	58, 63.998, 104.517
Yxy	26.3086, 0.4147, 0.5090
Android (android.graphics.Color)	4287533568 (0xFF8E9200)
YUV	128.1600, -63.1829, 12.1377
Hunter-Lab	51.2919, -15.1679, 31.3403

Details

The YUV color **128.1600, -63.1829, 12.1377** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17.8400, 63.1829, -12.1377**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9950, -56.1995, 12.2824**, and **82.3650, -40.6059, 4.0649** is the 20% darker color. If you saturate the color by 10%, you get **128.1600, -63.1829, 12.1377**, and if you desaturate by 10%, it is **129.8700, -56.6309, 10.6380**.

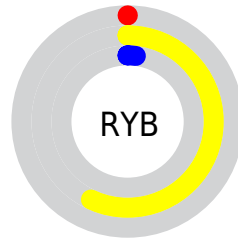
Distribution



Red (56%)

Green (57%)

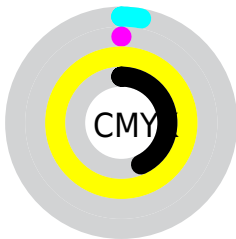
Blue (0%)



Red (0%)

Yellow (57%)

Blue (2%)

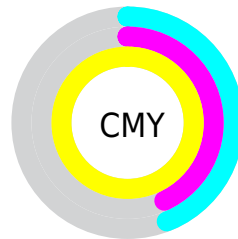


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (44%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1600, -63.1829, 12.1377 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 128.1600, -63.1829, 12.1377 by changing the saturation by 10% instead.

■ 128.1600,
-63.1829, 12.1377

■ 128.1600,
-63.1829, 12.1377

■ 255.0000, 0.0000,
0.0000

■ 104.5260,
-51.5313, 8.3087

■ 184.9950,
-56.1995, 12.2824

■ 82.3650, -40.6059,
4.0649

■ 213.4790,
-56.9311, 13.6119

■ 60.5030, -29.8280,
0.4359

■ 240.1800,
-56.7837, 12.9971

■ 39.8150, -19.6288,
-4.2228

■ 243.3720,
-44.5534, 10.1978


■ 18.5180, -9.1294,
-11.8553


■ 246.5640,
-32.3231, 7.3984

■ 0.0000, 0.0000,
0.0000


■ 249.7560,


-20.0927, 4.5990


 253.1760, -6.9888,
1.5996


 128.1600,
-63.1829, 12.1377

 129.8700,
-56.6309, 10.6380

 131.7650,
-50.6631, 9.8531

 133.4750,
-44.1112, 8.3534

 135.3700,
-38.1434, 7.5685

 137.0800,
-31.5914, 6.0688

■ 138.7900,
-25.0395, 4.5692

■ 140.6850,
-19.0717, 3.7843

■ 142.3950,
-12.5197, 2.2846

■ 144.2900, -6.5520,
1.4997

Harmonies

Analogous

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



133.3680, -58.3554, 50.5433



128.1600, -63.1829, 12.1377



121.5120, -33.7764, -39.9140

Triad

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



128.1600, -63.1829, 12.1377



121.1200, 47.7618, -106.2222



139.4250, 16.0595, 75.9263

Complementary

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



128.1600, -63.1829, 12.1377



17.8400, 63.1829, -12.1377

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.



144.4480, 37.7401, 28.5481



128.1600, -63.1829, 12.1377



119.2570, 63.4703, -104.5884

Square

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



128.1600, -63.1829, 12.1377



116.4800, 24.9064, -102.1530



130.9310, 58.2080, -49.9285



134.4770, -9.6022, 93.4207

Rectangle

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



128.1600, -63.1829, 12.1377



105.8270, -8.2957, -92.8103



130.9310, 58.2080, -49.9285



141.9980, 23.6650, 63.1458

Sweetspot

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



128.1600, -63.1829, 12.1377



181.9040, -24.6027, 4.4692



44.8280, -22.1002, 88.7278



89.8250, -14.7037, 2.7845



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.1600, -63.1829, 12.1377



165.9590, -81.8178, 15.8220



106.9310, -52.7170, -31.5115



73.2020, -3.0576, 0.6998



121.0720, -59.6885, 11.3379



8.8600, -4.3680, 0.9998

Inverse Universe

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



17.8400, 63.1829, -12.1377



23.0410, 81.8178, -15.8220



39.0690, 52.7170, 31.5115



67.7980, 3.0576, -0.6998



16.9280, 59.6885, -11.3379



1.1400, 4.3680, -0.9998

Previews

White Background



This preview shows how the YUV color 128.1600, -63.1829, 12.1377 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 128.1600, -63.1829, 12.1377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

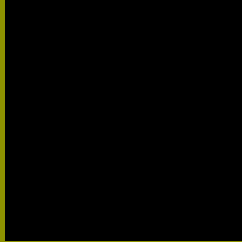
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.1600, -63.1829, 12.1377

Background



This preview shows how black text looks on a background with the YUV color 128.1600, -63.1829, 12.1377.



This preview shows how white text looks on a background with the YUV color 128.1600, -63.1829, 12.1377.

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



Protanopia

130.0090, -64.0944, 24.5481

Deuteranopia

133.6160, -54.5337, 38.0478

Tritanopia

141.9240, 2.0095, 8.8367

Trichromacy



Protanomaly

129.3890, -63.7888, 19.8298

Deuteranomaly

131.7520, -57.5587, 28.2815

Tritanomaly

137.0340, -21.7088, 9.6172

Monochromacy



Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2460, -23.2923, 4.1693

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1600, -63.1829, 12.1377 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(142, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 146, 0)  
}
```

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(142, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 146, 0) }
```

Border

The CSS property to change the border of an element to YUV 128.1600, -63.1829, 12.1377 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(142, 146, 0) }
```

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

```
.border{ border-color:rgb(142, 146, 0) }
```

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

Here you see how a box with a 4 pixel rgb(142, 146, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 146,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 128.1600, -63.1829, 12.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 146, 0) }
```

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

```
.background{ background-color: rgb(142,  
146, 0) }
```

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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