

Converting Colors

YUV(127.8390, -63.0246,
8.0342)

Have a look what the booklet for
YUV(127.8390, -63.0246, 8.0342)
contains.

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Color

**YUV(127.8390, -63.0246,
8.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	899400
RGB	137, 148, 0
RGB Percent	54%, 58%, 0%
CMY	0.4627, 0.4196, 1.0000
CMYK	0.07, 0.00, 1.00, 0.42
HSL	64°, 100%, 29%
HSV	64°, 100%, 58%
XYZ	20.9064, 26.4982, 4.0128
YIQ	127.8390, 40.9520, -48.3600

Conversions

Conversions Part 2

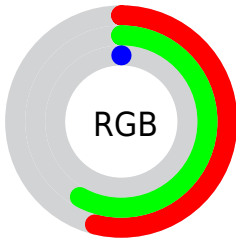
Format	Color
RYB	0, 148, 11
Decimal	9016320
CIELab	58.51, -19.33, 61.90
CIElCh	59, 64.851, 107.340
Yxy	26.4982, 0.4066, 0.5154
Android (android.graphics.Color)	4287206400 (0xFF899400)
YUV	127.8390, -63.0246, 8.0342
Hunter-Lab	51.4764, -17.5883, 31.4116

Details

The YUV color **127.8390, -63.0246, 8.0342** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20.1610, 63.0246, -8.0342**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6740, -56.0413, 8.1789**, and **82.3430, -40.5951, 0.5762** is the 20% darker color. If you saturate the color by 10%, you get **127.8390, -63.0246, 8.0342**, and if you desaturate by 10%, it is **129.8480, -56.6201, 7.1493**.

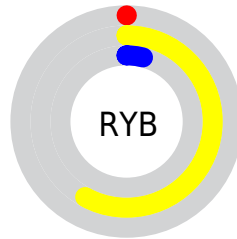
Distribution



Red (54%)

Green (58%)

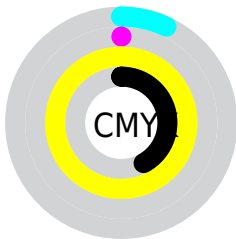
Blue (0%)



Red (0%)

Yellow (58%)

Blue (4%)

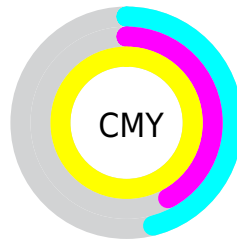


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (46%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8390, -63.0246, 8.0342 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 127.8390, -63.0246, 8.0342 by changing the saturation by 10% instead.

■ 127.8390,
-63.0246, 8.0342

■ 127.8390,
-63.0246, 8.0342

■ 255.0000, 0.0000,
0.0000

■ 104.2050,
-51.3731, 4.2052

■ 184.6740,
-56.0413, 8.1789

■ 82.3430, -40.5951,
0.5762

■ 212.8590,
-56.6255, 8.8937

■ 60.1820, -29.6697,
-3.6676

■ 239.6960,
-56.0521, 11.6676

■ 38.9070, -19.1812,
-7.8114

■ 243.3720,
-44.5534, 10.1978

■ 18.1970, -8.9711,
-15.9588

■ 246.5640,
-32.3231, 7.3984

■ 0.0000, 0.0000,
0.0000


■ 249.8700,


-19.6559, 4.4990


 253.1760, -6.9888,
1.5996

 127.8390,
-63.0246, 8.0342

 129.8480,
-56.6201, 7.1493

 131.8570,
-50.2155, 6.2644

 133.7520,
-44.2477, 5.4795

 135.7610,
-37.8432, 4.5946

 138.0690,
-31.5860, 4.3245

■ 140.0780,
-25.1815, 3.4396

■ 142.0870,
-18.7769, 2.5547

■ 143.9820,
-12.8091, 1.7698

■ 145.9910, -6.4046,
0.8849

Harmonies

Analogous

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



132.6190, -62.4232, 48.5691



127.8390, -63.0246, 8.0342



120.4510, -31.2813, -46.8765

Triad

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



127.8390, -63.0246, 8.0342



121.6900, 49.9458, -106.7221



139.1760, 13.7172, 80.5296

Complementary

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



127.8390, -63.0246, 8.0342



20.1610, 63.0246, -8.0342

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.



144.4380, 36.2661, 34.6959



127.8390, -63.0246, 8.0342



119.1260, 65.5069, -104.4735

Square

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



127.8390, -63.0246, 8.0342



117.7510, 27.2378, -103.2676



134.6440, 56.8705, -40.9068



134.7930, -12.2229, 94.0205

Rectangle

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



127.8390, -63.0246, 8.0342



106.9840, -6.4011, -93.8250



134.6440, 56.8705, -40.9068



141.2760, 22.0489, 68.1639

Sweetspot

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



127.8390, -63.0246, 8.0342



183.3060, -24.3079, 3.2396



50.1220, -24.7101, 85.8390



92.1130, -14.8457, 1.6549



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



127.8390, -63.0246, 8.0342



165.0400, -81.3647, 10.4889



106.0120, -52.2639, -36.8445



72.9030, -2.9102, 0.0851



118.9790, -58.6566, 7.0344



8.5610, -4.2206, 0.3850

Inverse Universe

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



20.1610, 63.0246, -8.0342



25.9600, 81.3647, -10.4889



41.9880, 52.2639, 36.8445



67.7980, 3.0576, -0.6998



18.7220, 58.8041, -7.6492



1.4390, 4.2206, -0.3850

Previews

White Background



This preview shows how the YUV color 127.8390, -63.0246, 8.0342 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 127.8390, -63.0246, 8.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

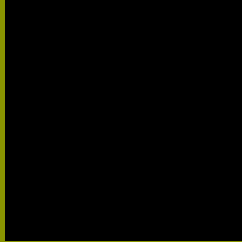
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8390, -63.0246, 8.0342

Background



This preview shows how black text looks on a background with the YUV color 127.8390, -63.0246, 8.0342.



This preview shows how white text looks on a background with the YUV color 127.8390, -63.0246, 8.0342.

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

127.8390, -63.0246, 8.0342

Protanopia

130.3080, -64.2418, 25.1629

Deuteranopia

133.7300, -54.0969, 37.9478



Tritanopia

142.1300, 2.8939, 5.1480

Trichromacy



Original Color

127.8390, -63.0246, 8.0342

Protanomaly

129.6770, -63.9308, 18.7003

Deuteranomaly

131.1540, -57.2639, 27.0519

Tritanomaly

137.1260, -21.2611, 6.0285

Monochromacy



Original Color

127.8390, -63.0246, 8.0342

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6480, -22.9975, 2.9397

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8390, -63.0246, 8.0342 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(137, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 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(137, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 0) }
```

Border

The CSS property to change the border of an element to YUV 127.8390, -63.0246, 8.0342 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(137, 148, 0) }
```


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

```
.border{ border-color:rgb(137, 148, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 127.8390, -63.0246, 8.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 0) }
```

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

```
.background{ background-color: rgb(137,  
148, 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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