

Converting Colors

YUV(127.4390, -62.8274,
38.2030)

Have a look what the booklet for
YUV(127.4390, -62.8274, 38.2030)
contains.

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Color

**YUV(127.4390, -62.8274,
38.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8200
RGB	171, 130, 0
RGB Percent	67%, 51%, 0%
CMY	0.3294, 0.4902, 1.0000
CMYK	0.00, 0.24, 1.00, 0.33
HSL	46°, 100%, 34%
HSV	46°, 100%, 67%
XYZ	24.7772, 24.6232, 3.4469
YIQ	127.4390, 66.1660, -31.7380

Conversions

Conversions Part 2

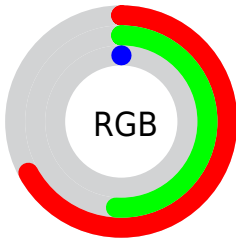
Format	Color
R_{YB}	54, 171, 0
Decimal	11239936
CIE _{Lab}	56.71, 6.02, 62.09
CIE _{LCh}	57, 62.379, 84.467
Yxy	24.6232, 0.4688, 0.4659
Android (android.graphics.Color)	4289430016 (0xFFAB8200)
YUV	127.4390, -62.8274, 38.2030
Hunter-Lab	49.6218, 2.2908, 30.6168

Details

The YUV color **127.4390, -62.8274, 38.2030** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **43.5610, 62.8274, -38.2030**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2420, -57.3073, 41.0068**, and **81.6330, -40.2451, 28.3859** is the 20% darker color. If you saturate the color by 10%, you get **127.4390, -62.8274, 38.2030**, and if you desaturate by 10%, it is **131.7250, -56.5594, 34.4442**.

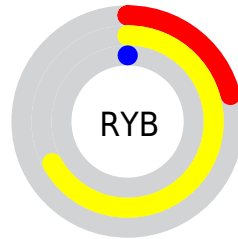
Distribution



Red (67%)

Green (51%)

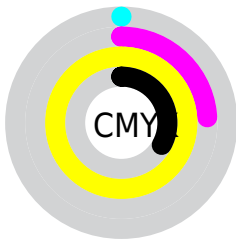
Blue (0%)



Red (21%)

Yellow (67%)

Blue (0%)

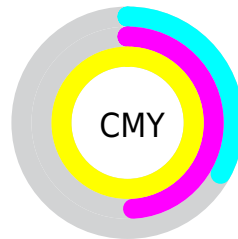


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4390, -62.8274, 38.2030 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 127.4390, -62.8274, 38.2030 by changing the saturation by 10% instead.

■ 127.4390,
-62.8274, 38.2030

■ 127.4390,
-62.8274, 38.2030

■ 255.0000, 0.0000,
0.0000

■ 104.0930,
-51.3178, 33.2444

■ 184.2420,
-57.3073, 41.0068

■ 81.6330, -40.2451,
28.3859

■ 210.3450,
-56.8651, 39.1624

■ 59.7600, -29.4617,
23.0125

■ 229.8590,
-53.1745, 22.0487

■ 39.3600, -19.4045,
17.2243

■ 243.0300,
-45.8638, 10.4977

■ 20.1450, -9.9315,
12.1508

■ 246.2220,
-33.6334, 7.6983

■ 0.0000, 0.0000,
0.0000

■ 249.4140,

-21.4031, 4.8989

■ 252.7200, -8.7360,
1.9996

■ 127.4390,
-62.8274, 38.2030

■ 131.7250,
-56.5594, 34.4442

■ 136.0110,
-50.2914, 30.6854

■ 140.2970,
-44.0234, 26.9265

■ 144.5830,
-37.7554, 23.1677

■ 148.8690,
-31.4874, 19.4089

■ 153.8560,
-25.0720, 15.0353

■ 158.1420,
-18.8040, 11.2765

■ 162.4280,
-12.5360, 7.5176

■ 166.7140, -6.2680,
3.7588

Harmonies

Analogous

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



131.4300, -42.1170, 68.9059



127.4390, -62.8274, 38.2030



123.3350, -51.9302, -3.8018

Triad

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



127.4390, -62.8274, 38.2030



115.0270, 32.0317, -100.8787



139.4950, 29.8290, 46.0469

Complementary

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



127.4390, -62.8274, 38.2030



43.5610, 62.8274, -38.2030

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.



135.5500, 49.5219, -17.1453



127.4390, -62.8274, 38.2030



117.6950, 52.4084, -103.2185

Square

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



127.4390, -62.8274, 38.2030



108.6430, 7.5710, -95.2799



113.0450, 65.0538, -99.1405



133.2920, 7.7440, 83.0589

Rectangle

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



127.4390, -62.8274, 38.2030



117.8650, -32.4714, -38.4696



113.0450, 65.0538, -99.1405



139.8070, 36.5771, 28.2333

Sweetspot

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



127.4390, -62.8274, 38.2030



204.9700, -24.6352, 14.9353



56.0310, -6.4243, 100.8278



102.1570, -14.8674, 8.6323



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.



127.4390, -62.8274, 38.2030



165.5810, -81.6314, 49.4795



138.6490, -68.3540, -9.3392



84.8000, -3.3524, 1.9294



111.7680, -55.1016, 33.5295



16.8560, -8.3100, 5.3883

Inverse Universe

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



43.5610, 62.8274, -38.2030



56.4190, 81.6314, -49.4795



32.3510, 68.3540, 9.3392



80.2000, 3.3524, -1.9294



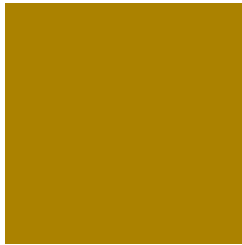
38.2320, 55.1016, -33.5295



6.1440, 8.3100, -5.3883

Previews

White Background



This preview shows how the YUV color 127.4390, -62.8274, 38.2030 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 127.4390, -62.8274, 38.2030 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 127.4390, -62.8274, 38.2030

Background



This preview shows how black text looks on a background with the YUV color 127.4390, -62.8274, 38.2030.



This preview shows how white text looks on a background with the YUV color 127.4390, -62.8274, 38.2030.

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

127.4390, -62.8274, 38.2030

Protanopia

127.4910, -58.4161, 23.2484

Deuteranopia

128.1340, -60.2121, 39.3475



Tritanopia

138.7700, -4.3236, 33.5277

Trichromacy



Original Color

127.4390, -62.8274, 38.2030

Protanomaly

127.1820, -59.7427, 28.7814

Deuteranomaly

127.6070, -60.9383, 38.9327

Tritanomaly

134.5750, -25.4265, 35.4527

Monochromacy



Original Color

127.4390, -62.8274, 38.2030

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1270, -22.7406, 13.9206

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4390, -62.8274, 38.2030 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(171, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 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(171, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 0) }
```

Border

The CSS property to change the border of an element to YUV 127.4390, -62.8274, 38.2030 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(171, 130, 0) }
```


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

```
.border{ border-color:rgb(171, 130, 0) }
```

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

Here you see how a box with a 4 pixel rgb(171, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 127.4390, -62.8274, 38.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 0) }
```

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

```
.background{ background-color: rgb(171,  
130, 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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