

Converting Colors

YUV(129.7220, -62.4739,
-28.6972)

Have a look what the booklet for
YUV(129.7220, -62.4739, -28.6972)
contains.

YUV(129.7220, -62.4739, -28.6972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.7220, -62.4739,
-28.6972)**

Conversions

Conversions Part 1

Format	Color
Hex	61AB03
RGB	97, 171, 3
RGB Percent	38%, 67%, 1%
CMY	0.6196, 0.3294, 0.9882
CMYK	0.43, 0.00, 0.98, 0.33
HSL	86°, 97%, 34%
HSV	86°, 98%, 67%
XYZ	19.5091, 31.6738, 5.1716
YIQ	129.7220, 9.8240, -67.9360

Conversions

Conversions Part 2

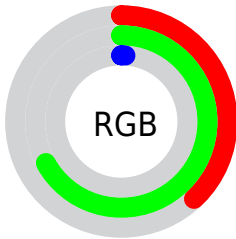
Format	Color
RYB	3, 171, 77
Decimal	6400771
CIELab	63.07, -45.89, 63.90
CIELCh	63, 78.671, 125.682
Yxy	31.6738, 0.3462, 0.5620
Android (android.graphics.Color)	4284590851 (0xFF61AB03)
YUV	129.7220, -62.4739, -28.6972
Hunter-Lab	56.2795, -36.6126, 33.9474

Details

The YUV color **129.7220, -62.4739, -28.6972** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **44.2780, 62.4739, 28.6972**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9590, -55.1958, -29.7820**, and **80.0300, -39.4548, -38.6143** is the 20% darker color. If you saturate the color by 10%, you get **129.0810, -63.6369, -29.0120**, and if you desaturate by 10%, it is **134.0520, -56.2276, -25.4786**.

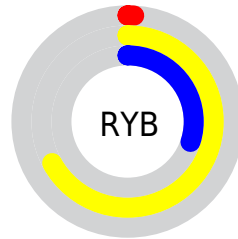
Distribution



Red (38%)

Green (67%)

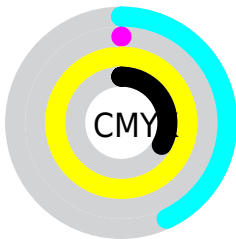
Blue (1%)



Red (1%)

Yellow (67%)

Blue (30%)

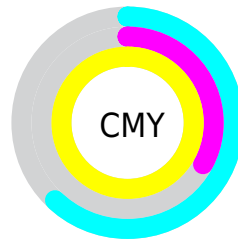


Cyan (43%)

Magenta (0%)

Yellow (98%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7220, -62.4739, -28.6972 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 129.7220, -62.4739, -28.6972 by changing the saturation by 10% instead.

■ 129.7220,
-62.4739, -28.6972

■ 129.7220,
-62.4739, -28.6972

■ 255.0000, 0.0000,
0.0000

■ 104.8600,
-51.6960, -32.3262

■ 187.9590,
-55.1958, -29.7820

■ 80.0300, -39.4548,
-38.6143

■ 216.2580,
-55.3432, -29.1673

■ 54.5910, -26.9134,
-47.8763

■ 228.1210,
-47.3877, -14.1381

■ 39.9160, -19.6786,
-35.0063

■ 240.2830,
-39.5795, 1.5058

■ 27.0020, -13.3120,
-23.6808

■ 247.3620,
-29.2655, 6.6985

■ 11.1530, -5.4984,
-9.7812

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

129.7220,
-62.4739, -28.6972

129.7220,
-62.4739, -28.6972

129.0810,
-63.6369, -29.0120

134.0520,
-56.2276, -25.4786

138.0830,
-49.8339, -22.8748

142.4130,
-43.5876, -19.6562

146.4440,
-37.1939, -17.0524

150.7740,
-30.9476, -13.8338

■ 154.9190,
-24.1171, -11.3300

■ 159.2490,
-17.8708, -8.1114

■ 163.2800,
-11.4770, -5.5076

■ 167.6100, -5.2307,
-2.2890

Harmonies

Analogous

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



141.8260, -69.9202, 26.4626



129.7220, -62.4739, -28.6972



116.0340, -12.3418, -101.7618

Triad

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



129.7220, -62.4739, -28.6972



131.7950, 60.7401, -115.5842



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.



129.7220, -62.4739, -28.6972



44.2780, 62.4739, 28.6972

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.



150.8400, 30.1519, 82.5783



129.7220, -62.4739, -28.6972



121.2290, 65.9491, -106.3178

Square

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



129.7220, -62.4739, -28.6972



133.9830, 48.8154, -117.5031



153.8510, 49.8665, 12.4087



139.3860, -31.7423, 101.3935

Rectangle

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



129.7220, -62.4739, -28.6972



123.3810, 8.1932, -108.2051



153.8510, 49.8665, 12.4087



138.0200, 13.7941, 102.5915

Sweetspot

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



129.7220, -62.4739, -28.6972



206.3320, -23.8277, -10.8152



96.0830, -45.8899, 65.7022



102.4710, -14.5292, -6.5521



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.



129.7220, -62.4739, -28.6972



167.3900, -82.5233, -38.0530



104.9050, -50.2392, -79.7237



84.7780, -3.3416, -1.5593



113.1660, -55.7908, -25.5786



17.3880, -8.5723, -3.8483

Inverse Universe

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



44.2780, 62.4739, 28.6972



54.6100, 82.5233, 38.0530



69.0950, 50.2392, 79.7237



80.2220, 3.3416, 1.5593



36.8340, 55.7908, 25.5786



5.6120, 8.5723, 3.8483

Previews

White Background



This preview shows how the YUV color 129.7220, -62.4739, -28.6972 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 129.7220, -62.4739, -28.6972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

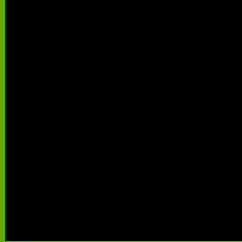
Any Text WCAG AA ✓ Pass

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 129.7220, -62.4739, -28.6972 Background



This preview shows how black text looks on a background with the YUV color 129.7220, -62.4739, -28.6972.



This preview shows how white text looks on a background with the YUV color 129.7220, -62.4739, -28.6972.

-28.6972.

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

129.7220, -62.4739, -28.6972

Protanopia

140.3530, -69.1940, 26.8774

Deuteranopia

145.5130, -54.9759, 39.8921



Tritanopia

147.9240, 11.8695, -27.1203

Trichromacy



Original Color

129.7220, -62.4739, -28.6972

Protanomaly

136.5030, -66.8030, 6.5749

Deuteranomaly

139.9630, -57.6628, 14.9414

Tritanomaly

141.2250, -14.9009, -27.3843

Monochromacy



Original Color

129.7220, -62.4739, -28.6972

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9730, -22.6647, -10.5003

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7220, -62.4739, -28.6972 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, 171, 3)` looks like.

```
.text, #text, p{  
    color:rgb(97, 171, 3)  
}
```

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, 171, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 171, 3) }
```

Border

The CSS property to change the border of an element to YUV 129.7220, -62.4739, -28.6972 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, 171, 3) }
```


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

```
.border{ border-color:rgb(97, 171, 3) }
```

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

Here you see how a box with a 4 pixel rgb(97, 171, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 171, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 171, 3);  
box-shadow:4px 4px 4px 4px rgb(97, 171, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 129.7220, -62.4739, -28.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 171, 3) }
```

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

```
.background{ background-color: rgb(97, 171,  
3) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor