

Converting Colors

YUV(122.1730, -42.9763,
-29.0927)

Have a look what the booklet for
YUV(122.1730, -42.9763, -29.0927)
contains.

YUV(122.1730, -42.9763, -29.0927)	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(122.1730, -42.9763,
-29.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	599C23
RGB	89, 156, 35
RGB Percent	35%, 61%, 14%
CMY	0.6510, 0.3882, 0.8627
CMYK	0.43, 0.00, 0.78, 0.39
HSL	93°, 63%, 37%
HSV	93°, 78%, 61%
XYZ	16.3117, 26.0221, 5.7532
YIQ	122.1730, -1.0910, -51.8350

Conversions

Conversions Part 2

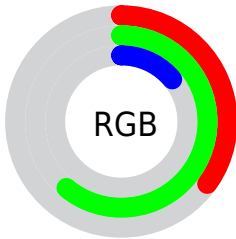
Format	Color
R_{YB}	35, 156, 102
Decimal	5872675
CIE _{Lab}	58.06, -41.36, 52.64
CIE _{LCh}	58, 66.941, 128.157
Yxy	26.0221, 0.3392, 0.5411
Android (android.graphics.Color)	4284062755 (0xFF599C23)
YUV	122.1730, -42.9763, -29.0927
Hunter-Lab	51.0119, -32.1933, 29.0215

Details

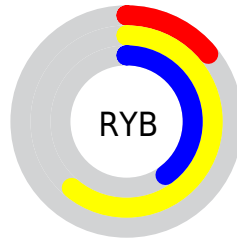
The YUV color **122.1730, -42.9763, -29.0927** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **68.8270, 42.9763, 29.0927**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0590, -43.4131, -28.9927**, and **70.3170, -34.6663, -34.4810** is the 20% darker color. If you saturate the color by 10%, you get **117.6580, -48.6384, -33.0261**, and if you desaturate by 10%, it is **126.6880, -37.3142, -25.1594**.

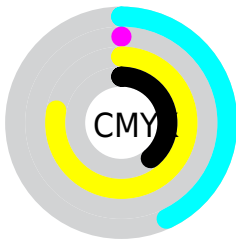
Distribution



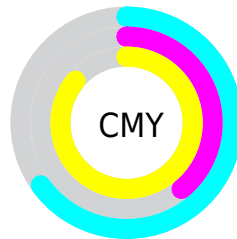
- Red (35%)
- Green (61%)
- Blue (14%)



- Red (14%)
- Yellow (61%)
- Blue (40%)



- Cyan (43%)
- Magenta (0%)
- Yellow (78%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1730, -42.9763, -29.0927 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 122.1730, -42.9763, -29.0927 by changing the saturation by 10% instead.

■ 122.1730,
-42.9763, -29.0927

■ 122.1730,
-42.9763, -29.0927

■ 255.0000, 0.0000,
0.0000

■ 94.5490, -46.6127,
-29.4225

■ 177.0590,
-43.4131, -28.9927

■ 70.3170, -34.6663,
-34.4810

■ 205.8310,
-44.2867, -28.7928

■ 46.3730, -22.8619,
-40.6691

■ 226.0860,
-40.9614, -22.0004

■ 32.2850, -15.9165,
-28.3139

■ 237.8350,
-33.4427, -6.8713

■ 20.5450, -10.1287,
-18.0180

■ 248.6160,
-24.4607, 5.5988

■ 0.0000, 0.0000,
0.0000

■ 251.8080,

-12.2303, 2.7994

■ 122.1730,
-42.9763, -29.0927

■ 122.1730,
-42.9763, -29.0927

■ 117.6580,
-48.6384, -33.0261

■ 126.6880,
-37.3142, -25.1594

■ 113.5560,
-54.0111, -36.4446

■ 130.7900,
-31.9415, -21.7408

■ 112.5020,
-55.4635, -37.2743

■ 135.3050,
-26.2794, -17.8075

■ 139.7060,
-21.0541, -13.7742

■ 143.9220,
-15.2445, -10.4556

■ 148.4370, -9.5824,
-6.5222

■ 152.5390, -4.2097,
-3.1037

■ 157.0540, 1.4524,
0.8296

■ 161.4550, 6.6777,
4.8630

Harmonies

Analogous

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



129.1010, -63.6468, 20.9594



122.1730, -42.9763, -29.0927



106.8700, -6.8379, -93.7250

Triad

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



122.1730, -42.9763, -29.0927



120.4310, 62.8915, -105.6180



132.8070, -3.3559, 96.6393

Complementary

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



122.1730, -42.9763, -29.0927



68.8270, 42.9763, 29.0927

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.



139.2980, 22.0381, 71.6527



122.1730, -42.9763, -29.0927



111.8370, 70.5794, -98.0810

Square

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



122.1730, -42.9763, -29.0927



120.9090, 44.4149, -106.0372



142.6790, 44.0353, 16.0675



133.1240, -31.1201, 88.4683

Rectangle

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



122.1730, -42.9763, -29.0927



112.7180, 10.4920, -98.8537



142.6790, 44.0353, 16.0675



134.1900, 5.8223, 92.7954

Sweetspot

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



122.1730, -42.9763, -29.0927



190.8680, -16.6969, -11.2852



110.5080, -37.2254, 39.8965



93.9100, -10.3086, -6.9371



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



122.1730, -42.9763, -29.0927



150.9450, -67.5139, -45.5558



106.7110, -32.3955, -62.8905



76.8920, -2.9048, -1.6593



103.0770, -50.8170, -34.2705



10.8980, -5.3727, -3.4185

Inverse Universe

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



68.8270, 42.9763, 29.0927



67.0550, 67.5139, 45.5558



84.2890, 32.3955, 62.8905



73.4070, 2.7573, 2.2741



39.9230, 50.8170, 34.2705



4.1020, 5.3727, 3.4185

Previews

White Background



This preview shows how the YUV color 122.1730, -42.9763, -29.0927 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 122.1730, -42.9763, -29.0927 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 122.1730, -42.9763, -29.0927 Background



This preview shows how black text looks on a background with the YUV color 122.1730, -42.9763, -29.0927.



This preview shows how white text looks on a background with the YUV color 122.1730, -42.9763, -29.0927.

-29.0927.

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

122.1730, -42.9763, -29.0927

Protanopia

131.7710, -49.6801, 21.2488

Deuteranopia

134.7540, -43.7557, 34.4187



Tritanopia

135.0060, 10.8430, -24.5613

Trichromacy



Original Color

122.1730, -42.9763, -29.0927

Protanomaly

128.2310, -47.4419, 3.3054

Deuteranomaly

130.3120, -43.5378, 11.1274

Tritanomaly

130.2450, -8.5018, -26.5249

Monochromacy



Original Color

122.1730, -42.9763, -29.0927

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8080, -15.6813, -10.3556

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1730, -42.9763, -29.0927 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(89, 156, 35)` looks like.

```
.text, #text, p{  
    color:rgb(89, 156, 35)  
}
```

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(89, 156, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 156, 35) }
```

Border

The CSS property to change the border of an element to YUV 122.1730, -42.9763, -29.0927 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(89, 156, 35) }
```


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

```
.border{ border-color:rgb(89, 156, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 156, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 156, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 156, 35);  
box-shadow:4px 4px 4px 4px rgb(89, 156,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 122.1730, -42.9763, -29.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 156, 35) }
```

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

```
.background{ background-color: rgb(89, 156,  
35) }
```

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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