

Converting Colors

YUV(122.5900, -18.5319,
-29.4584)

Have a look what the booklet for
YUV(122.5900, -18.5319, -29.4584)
contains.

YUV(122.5900, -18.5319, -29.4584)	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(122.5900, -18.5319,
-29.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	599355
RGB	89, 147, 85
RGB Percent	35%, 58%, 33%
CMY	0.6510, 0.4235, 0.6667
CMYK	0.39, 0.00, 0.42, 0.42
HSL	116°, 27%, 45%
HSV	116°, 42%, 58%
XYZ	16.1932, 23.6472, 12.3052
YIQ	122.5900, -14.6660, -31.5780

Conversions

Conversions Part 2

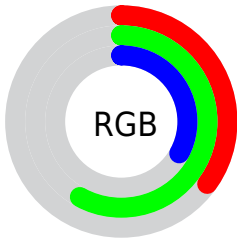
Format	Color
R_{YB}	85, 147, 143
Decimal	5870421
CIE _{Lab}	55.73, -32.01, 26.98
CIE _{LCh}	56, 41.864, 139.871
Yxy	23.6472, 0.3105, 0.4535
Android (android.graphics.Color)	4284060501 (0xFF599355)
YUV	122.5900, -18.5319, -29.4584
Hunter-Lab	48.6283, -25.6591, 19.0367

Details

The YUV color **122.5900, -18.5319, -29.4584** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **109.4100, 18.5319, 29.4584**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8350, -20.1317, -29.6733**, and **72.0460, -16.7847, -29.8583** is the 20% darker color. If you saturate the color by 10%, you get **116.6940, -23.0201, -36.5656**, and if you desaturate by 10%, it is **128.4860, -14.0436, -22.3512**.

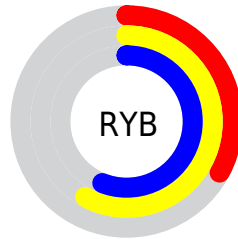
Distribution



Red (35%)

Green (58%)

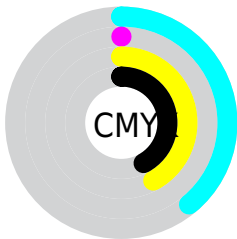
Blue (33%)



Red (33%)

Yellow (58%)

Blue (56%)

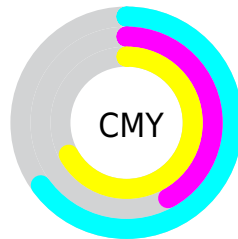


Cyan (39%)

Magenta (0%)

Yellow (42%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5900, -18.5319, -29.4584 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 122.5900, -18.5319, -29.4584 by changing the saturation by 10% instead.

■ 122.5900,
-18.5319, -29.4584

■ 122.5900,
-18.5319, -29.4584

■ 255.0000, 0.0000,
0.0000

■ 96.8180, -17.6583,
-29.6584

■ 175.8350,
-20.1317, -29.6733

■ 72.0460, -16.7847,
-29.8583

■ 204.0090,
-20.7104, -30.7029

■ 45.7680, -15.1686,
-34.8765

■ 230.1340,
-20.2791, -29.0585

■ 28.1760, -13.8908,
-24.7104

■ 241.6980,
-12.1761, -14.6441

■ 16.4360, -8.1029,
-14.4144

■ 253.6750, -3.7838,
0.2850

■ 0.0000, 0.0000,
0.0000

■ 122.5900,
-18.5319, -29.4584

■ 122.5900,
-18.5319, -29.4584

■ 116.6940,
-23.0201, -36.5656

■ 128.4860,
-14.0436, -22.3512

■ 110.9120,
-27.0716, -43.7728

■ 134.2680, -9.9921,
-15.1440

■ 105.3150,
-31.7073, -50.2653

■ 139.8650, -5.3564,
-8.6516

■ 99.4190, -36.1956,
-57.3725

■ 145.7610, -0.8682,
-1.5444

■ 93.6370, -40.2470,
-64.5796

■ 151.5430, 3.1833,
5.6628

■ 88.9800, -43.8671,
-70.1425

■ 157.4390, 7.6716,
12.7700

■ 163.0360, 12.3073,
19.2624

■ 168.9320, 16.7955,

26.3696

■ 174.7140, 20.8470,
33.5768

Harmonies

Analogous

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



127.8300, -32.4542, 2.7801



122.5900, -18.5319, -29.4584



106.2040, 6.8014, -81.7399

Triad

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



122.5900, -18.5319, -29.4584



113.6120, 45.0543, -77.7127



134.1000, -11.3883, 59.5483

Complementary

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



122.5900, -18.5319, -29.4584



109.4100, 18.5319, 29.4584

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.



136.1110, 5.3683, 51.6457



122.5900, -18.5319, -29.4584



133.4350, 33.8025, -15.2905

Square

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



122.5900, -18.5319, -29.4584



108.8950, 38.9988, -95.5009



137.7730, 21.3109, 24.7551



133.0330, -26.6383, 50.8371

Rectangle

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



122.5900, -18.5319, -29.4584



105.7540, 19.3483, -92.7463



137.7730, 21.3109, 24.7551



134.8810, -5.8573, 58.8634

Sweetspot

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



122.5900, -18.5319, -29.4584



181.2730, -7.5296, -11.6404



137.5840, -25.9239, 8.2578



90.6910, -4.7777, -7.6220



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.



122.5900, -18.5319, -29.4584



152.7330, -28.9554, -46.2468



124.4720, -6.1487, -34.6169



71.1090, -2.0257, -3.6036



83.6970, -41.2626, -65.5093



6.1690, -3.0413, -4.5332

Inverse Universe

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



109.4100, 18.5319, 29.4584



132.2670, 28.9554, 46.2468



107.5280, 6.1487, 34.6169



69.5920, 2.1731, 2.9888



54.3030, 41.2626, 65.5093



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 122.5900, -18.5319, -29.4584 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 122.5900, -18.5319, -29.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

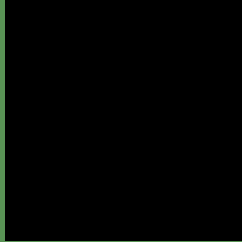
Any Text WCAG AA ✓ Pass

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 122.5900, -18.5319, -29.4584 Background



This preview shows how black text looks on a background with the YUV color 122.5900, -18.5319, -29.4584.



This preview shows how white text looks on a background with the YUV color 122.5900, -18.5319, -29.4584.

-29.4584.

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

122.5900, -18.5319, -29.4584

Protanopia

130.5460, -24.9192, 12.6762

Deuteranopia

132.3500, -20.8785, 23.3721



Tritanopia

129.3050, 10.6956, -23.9465

Trichromacy



Original Color

122.5900, -18.5319, -29.4584

Protanomaly

127.7290, -22.5444, -2.3933

Deuteranomaly

128.7560, -20.0927, 4.5990

Tritanomaly

126.8350, 0.0813, -26.1653

Monochromacy



Original Color

122.5900, -18.5319, -29.4584

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0990, -6.9508, -10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5900, -18.5319, -29.4584 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, 147, 85)` looks like.

```
.text, #text, p{  
    color:rgb(89, 147, 85)  
}
```

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, 147, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 147, 85) }
```

Border

The CSS property to change the border of an element to YUV 122.5900, -18.5319, -29.4584 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, 147, 85) }
```


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

```
.border{ border-color:rgb(89, 147, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 147, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 147, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 147, 85);  
box-shadow:4px 4px 4px 4px rgb(89, 147,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 122.5900, -18.5319, -29.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 147, 85) }
```

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

```
.background{ background-color: rgb(89, 147,  
85) }
```

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