

Converting Colors

YUV(129.5610, 29.3034,
-18.9090)

Have a look what the booklet for
YUV(129.5610, 29.3034, -18.9090)
contains.

YUV(129.5610, 29.3034, -18.9090)	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(129.5610, 29.3034,
-18.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	6C81BD
RGB	108, 129, 189
RGB Percent	42%, 51%, 74%
CMY	0.5765, 0.4941, 0.2588
CMYK	0.43, 0.32, 0.00, 0.26
HSL	224°, 38%, 58%
HSV	224°, 43%, 74%
XYZ	23.2199, 22.5628, 51.2753
YIQ	129.5610, -31.7760, 14.2080

Conversions

Conversions Part 2

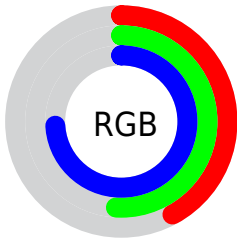
Format	Color
R_{YB}	108, 125, 189
Decimal	7111101
CIE _{Lab}	54.62, 8.17, -33.84
CIE _{LCh}	55, 34.817, 283.580
Yxy	22.5628, 0.2392, 0.2325
Android (android.graphics.Color)	4285301181 (0xFF6C81BD)
YUV	129.5610, 29.3034, -18.9090
Hunter-Lab	47.5003, 4.1319, -30.7518

Details

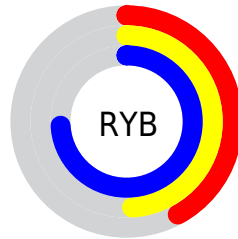
The YUV color **129.5610, 29.3034, -18.9090** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **167.4390, -29.3034, 18.9090**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3160, 30.9032, -18.6941**, and **78.4960, 27.8565, -21.4830** is the 20% darker color. If you saturate the color by 10%, you get **115.6620, 36.1556, -23.3826**, and if you desaturate by 10%, it is **143.4600, 22.4512, -14.4354**.

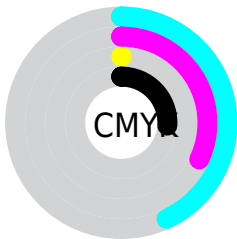
Distribution



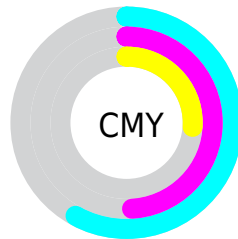
- Red (42%)
- Green (51%)
- Blue (74%)



- Red (42%)
- Yellow (49%)
- Blue (74%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (26%)



- Cyan (58%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5610, 29.3034, -18.9090 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 129.5610, 29.3034, -18.9090 by changing the saturation by 10% instead.

■ 129.5610, 29.3034,
-18.9090

■ 129.5610, 29.3034,
-18.9090

■ 255.0000, 0.0000,
0.0000

■ 103.7350, 28.7246,
-19.9386

■ 183.3160, 30.9032,
-18.6941

■ 78.4960, 27.8565,
-21.4830

■ 208.8620, 22.7460,
-15.6650

■ 53.4740, 27.8673,
-24.9717

■ 233.6700, 10.5157,
-12.8656

■ 30.8220, 26.7098,
-27.0309

■ 252.9070, 1.0318,
-4.3034

■ 15.7590, 22.3038,
-13.8206

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 129.5610, 29.3034,
-18.9090

■ 129.5610, 29.3034,
-18.9090

■ 115.6620, 36.1556,
-23.3826

■ 143.4600, 22.4512,
-14.4354

■ 101.7630, 43.0078,
-27.8562

■ 157.3590, 15.5990,
-9.9618

■ 87.8640, 49.8600,
-32.3297

■ 171.2580, 8.7468,
-5.4883

■ 73.9650, 56.7123,
-36.8033

■ 185.1570, 1.8946,
-1.0147

■ 60.0660, 63.5645,
-41.2769

■ 199.0560, -4.9576,
3.4589

■ 50.3090, 68.3747,
-44.1210

■ 212.6560,
-11.6624, 7.3177

■ 226.5550,
-18.5146, 11.7913

■ 239.2580,
-24.7772, 13.8057

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



116.7900, 35.1065, -60.3288



129.5610, 29.3034, -18.9090



134.2510, 19.5963, 14.6889

Triad

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



129.5610, 29.3034, -18.9090



131.4220, -19.9280, 45.2339



116.5350, -1.7428, -47.8272

Complementary

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



129.5610, 29.3034, -18.9090



167.4390, -29.3034, 18.9090

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.



123.3680, -18.4224, -17.8627



129.5610, 29.3034, -18.9090



129.5590, -27.8836, 30.2048

Square

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



129.5610, 29.3034, -18.9090



132.7720, -7.2826, 49.3120



126.8290, -27.5237, 8.0430



102.7050, 20.3584, -90.0723

Rectangle

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



129.5610, 29.3034, -18.9090



134.2980, 11.6851, 32.1877



126.8290, -27.5237, 8.0430



119.2930, -8.0324, -37.0910

Sweetspot

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



129.5610, 29.3034, -18.9090



221.3440, 11.6624, -7.3177



162.2730, 2.3304, -47.5974



108.1010, 6.8522, -4.4736



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



129.5610, 29.3034, -18.9090



153.0340, 45.3392, -28.9708



122.9150, 32.5799, 3.5825



87.2000, 3.3524, -1.9294



42.0790, 57.1491, -36.9033



8.2300, 11.2256, -7.2177

Inverse Universe

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



134.6130, -2.7672, 47.6974



161.0230, -4.4483, 73.6478



174.0850, -32.5799, -3.5825



87.9190, -0.4531, 5.3330



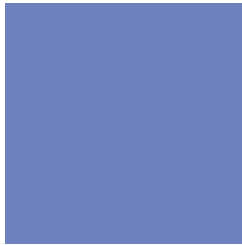
51.9160, -5.3816, 93.0357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 129.5610, 29.3034, -18.9090 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 129.5610, 29.3034, -18.9090 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

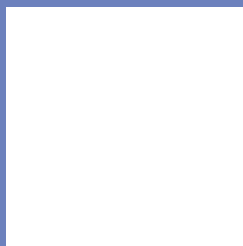
Any Text WCAG AAA × Fail

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

YUV 129.5610, 29.3034, -18.9090 Background



This preview shows how black text looks on a background with the YUV color 129.5610, 29.3034, -18.9090.



This preview shows how white text looks on a background with the YUV color 129.5610, 29.3034, -18.9090.

-18.9090.

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

129.5610, 29.3034, -18.9090

Protanopia

129.7570, 28.7138, -16.4499

Deuteranopia

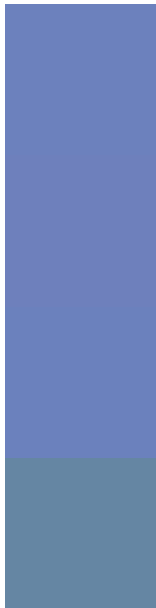
129.2620, 29.4508, -19.5238



Tritanopia

126.2940, 10.7011, -25.6908

Trichromacy



Original Color

129.5610, 29.3034, -18.9090

Protanomaly

129.4580, 28.8612, -17.0647

Deuteranomaly

129.2620, 29.4508, -19.5238

Tritanomaly

127.4390, 17.5316, -23.1870

Monochromacy



Original Color

129.5610, 29.3034, -18.9090

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0020, 10.3520, -7.0178

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5610, 29.3034, -18.9090 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(108, 129, 189)` looks like.

```
.text, #text, p{  
    color:rgb(108, 129, 189)  
}
```

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(108, 129, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 129, 189) }
```

Border

The CSS property to change the border of an element to YUV 129.5610, 29.3034, -18.9090 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(108, 129, 189) }
```


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

```
.border{ border-color:rgb(108, 129, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 129, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 129, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 129, 189);  
box-shadow:4px 4px 4px 4px rgb(108, 129,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 129.5610, 29.3034, -18.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 129, 189) }
```

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

```
.background{ background-color: rgb(108,  
129, 189) }
```

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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