

Converting Colors

YUV(129.9610, -4.4178,
-29.7838)

Have a look what the booklet for
YUV(129.9610, -4.4178, -29.7838)
contains.

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Color

**YUV(129.9610, -4.4178,
-29.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	609579
RGB	96, 149, 121
RGB Percent	38%, 58%, 47%
CMY	0.6235, 0.4157, 0.5255
CMYK	0.36, 0.00, 0.19, 0.42
HSL	148°, 22%, 48%
HSV	148°, 36%, 58%
XYZ	19.0225, 25.3622, 21.9820
YIQ	129.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

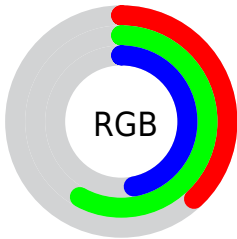
Format	Color
R_{YB}	96, 132, 149
Decimal	6329721
CIE _{Lab}	57.43, -24.03, 9.27
CIE _{LCh}	57, 25.752, 158.900
Yxy	25.3622, 0.2866, 0.3822
Android (android.graphics.Color)	4284519801 (0xFF609579)
YUV	129.9610, -4.4178, -29.7838
Hunter-Lab	50.3609, -20.7078, 9.3732

Details

The YUV color **129.9610, -4.4178, -29.7838** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.0390, 4.4178, 29.7838**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1350, -4.9966, -30.8134**, and **79.4880, -3.6916, -29.3690** is the 20% darker color. If you saturate the color by 10%, you get **124.5640, -5.7011, -38.2056**, and if you desaturate by 10%, it is **135.3580, -3.1345, -21.3620**.

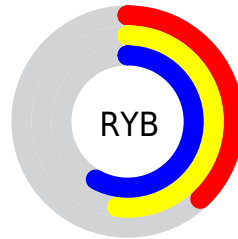
Distribution



Red (38%)

Green (58%)

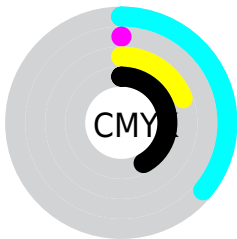
Blue (47%)



Red (38%)

Yellow (52%)

Blue (58%)

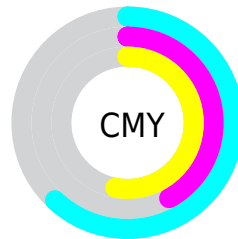


Cyan (36%)

Magenta (0%)

Yellow (19%)

Black (42%)



Cyan (62%)


Magenta (42%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9610, -4.4178, -29.7838 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 129.9610, -4.4178, -29.7838 by changing the saturation by 10% instead.


 129.9610, -4.4178,
-29.7838


 129.9610, -4.4178,
-29.7838


255.0000, 0.0000,
0.0000


 104.3740, -4.1284,
-29.2690


 183.1350, -4.9966,
-30.8134


 79.4880, -3.6916,
-29.3690


 211.7220, -5.2859,
-31.3282

 55.1180, -2.5232,
-30.7985

 236.4880, -3.6916,
-29.3690

 33.2430, -2.0918,
-29.1541

 248.1230, 3.3904,
-14.1399

 18.5390, -7.6607,
-16.2587

 0.0000, 0.0000,
0.0000

■ 129.9610, -4.4178,
-29.7838

■ 129.9610, -4.4178,
-29.7838

■ 124.5640, -5.7011,
-38.2056

■ 135.3580, -3.1345,
-21.3620

■ 119.1670, -6.9843,
-46.6275

■ 140.7550, -1.8512,
-12.9401

■ 113.7700, -8.2676,
-55.0493

■ 146.1520, -0.5679,
-4.5183

■ 108.4870, -9.1141,
-63.5711

■ 151.4350, 0.2785,
4.0035

■ 103.0900,
-10.3974, -71.9929

■ 156.8320, 1.5618,
12.4253

■ 97.9920, -11.8281,
-79.8000

■ 161.9300, 2.9925,
20.2324

■ 95.4430, -12.5434,
-83.7035

■ 167.3270, 4.2758,
28.6542

■ 172.7240, 5.5591,

37.0761

■ 178.1210, 6.8423,
45.4979

Harmonies

Analogous

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



133.2210, -15.3920, -9.8408



129.9610, -4.4178, -29.7838



126.2930, 8.7296, -46.7380

Triad

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



129.9610, -4.4178, -29.7838



137.0360, 22.1673, -16.6946



139.2620, -13.9332, 35.7272

Complementary

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



129.9610, -4.4178, -29.7838



115.0390, 4.4178, 29.7838

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.



140.4930, -4.1870, 36.4016



129.9610, -4.4178, -29.7838



140.8820, 15.8342, 7.9965

Square

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



129.9610, -4.4178, -29.7838



131.2350, 23.5481, -39.6711



141.2990, 6.7546, 26.9248



137.7740, -20.5946, 25.6312

Rectangle

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



129.9610, -4.4178, -29.7838



125.6110, 16.4608, -53.1558



141.2990, 6.7546, 26.9248



139.9570, -11.3178, 36.8717

Sweetspot

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



129.9610, -4.4178, -29.7838



186.1680, -1.5618, -12.4253



135.4830, -19.4651, -10.0706



92.3150, -1.1413, -7.2923



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.



129.9610, -4.4178, -29.7838



163.8680, -6.8369, -47.2422



132.9250, 6.9390, -32.3832



71.4510, -0.7153, -3.9035



88.4160, -11.5441, -77.5408



6.4400, -0.7099, -5.6479

Inverse Universe

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



115.0390, 4.4178, 29.7838



140.1320, 6.8369, 47.2422



112.0750, -6.9390, 32.3832



69.4350, 0.2785, 4.0035



49.5840, 11.5441, 77.5408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 129.9610, -4.4178, -29.7838 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 129.9610, -4.4178, -29.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

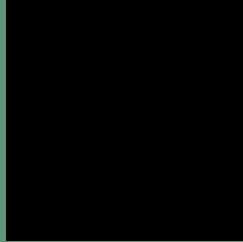
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.9610, -4.4178, -29.7838

Background



This preview shows how black text looks on a background with the YUV color 129.9610, -4.4178, -29.7838.



This preview shows how white text looks on a background with the YUV color 129.9610, -4.4178,

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

129.9610, -4.4178, -29.7838

Protanopia

136.8840, -10.7888, 7.1177

Deuteranopia

138.0790, -6.4479, 14.8397



Tritanopia

133.4080, 11.1379, -25.7908

Trichromacy



Original Color

129.9610, -4.4178, -29.7838

Protanomaly

134.0780, -8.4195, -6.2074

Deuteranomaly

135.2080, -5.5255, -1.0594

Tritanomaly

132.2030, 5.3229, -27.3650

Monochromacy



Original Color

129.9610, -4.4178, -29.7838

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9610, -4.4178, -29.7838 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(96, 149, 121)` looks like.

```
.text, #text, p{  
    color:rgb(96, 149, 121)  
}
```

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(96, 149, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 149, 121) }
```

Border

The CSS property to change the border of an element to YUV 129.9610, -4.4178, -29.7838 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(96, 149, 121) }
```


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

```
.border{ border-color:rgb(96, 149, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 149, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 149, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 149, 121);  
box-shadow:4px 4px 4px 4px rgb(96, 149,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 129.9610, -4.4178, -29.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 149, 121) }
```

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

```
.background{ background-color: rgb(96, 149,  
121) }
```

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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