

Converting Colors

YUV(127.9150, -14.7481,
-29.7435)

Have a look what the booklet for
YUV(127.9150, -14.7481, -29.7435)
contains.

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Color

**YUV(127.9150, -14.7481,
-29.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9762
RGB	94, 151, 98
RGB Percent	37%, 59%, 38%
CMY	0.6314, 0.4078, 0.6157
CMYK	0.38, 0.00, 0.35, 0.41
HSL	124°, 23%, 48%
HSV	124°, 38%, 59%
XYZ	17.8873, 25.3947, 15.5142
YIQ	127.9150, -16.9590, -28.5670

Conversions

Conversions Part 2

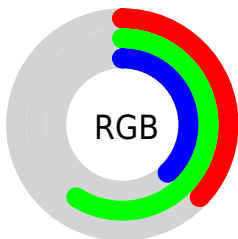
Format	Color
R_YB	94, 147, 151
Decimal	6199138
CIE _{Lab}	57.46, -30.10, 22.19
CIE _{LCh}	57, 37.394, 143.599
Y _{xy}	25.3947, 0.3042, 0.4319
Android (android.graphics.Color)	4284389218 (0xFF5E9762)
Y _{UV}	127.9150, -14.7481, -29.7435
Hunter-Lab	50.3932, -24.8287, 17.0221

Details

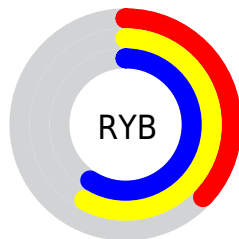
The YUV color **127.9150, -14.7481, -29.7435** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.0850, 14.7481, 29.7435**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8610, -16.2005, -30.5731**, and **77.3710, -13.0009, -30.1434** is the 20% darker color. If you saturate the color by 10%, you get **121.8340, -18.6522, -37.5654**, and if you desaturate by 10%, it is **133.9960, -10.8440, -21.9215**.

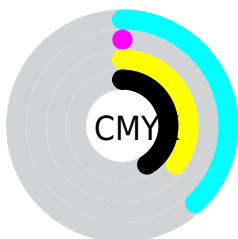
Distribution



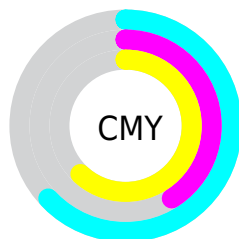
- Red (37%)
- Green (59%)
- Blue (38%)



- Red (37%)
- Yellow (58%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9150, -14.7481, -29.7435 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 127.9150, -14.7481, -29.7435 by changing the saturation by 10% instead.

■ 127.9150,
-14.7481, -29.7435

■ 127.9150,
-14.7481, -29.7435

■ 255.0000, 0.0000,
0.0000

■ 102.4420,
-14.0219, -29.3286

■ 181.8610,
-16.2005, -30.5731

■ 77.3710, -13.0009,
-30.1434

■ 209.4480,
-16.4899, -31.0879

■ 52.1150, -11.3957,
-31.6729

■ 233.2250,
-14.9009, -27.3843

■ 31.0940, -12.8643,
-27.2694

■ 244.9030, -6.3612,
-13.0699

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 127.9150,
-14.7481, -29.7435

■ 127.9150,
-14.7481, -29.7435

■ 121.8340,
-18.6522, -37.5654

■ 133.9960,
-10.8440, -21.9215

■ 115.7530,
-22.5562, -45.3874

■ 140.0770, -6.9400,
-14.0995

■ 109.6720,
-26.4603, -53.2093

■ 146.1580, -3.0359,
-6.2776

■ 103.5910,
-30.3644, -61.0313

■ 152.2390, 0.8682,
1.5444

■ 97.2110, -34.1210,
-69.4680

■ 158.6190, 4.6248,
9.9811

■ 91.1300, -38.0251,
-77.2900

■ 164.7000, 8.5289,
17.8031

■ 89.8910, -38.8933,
-78.8344

■ 170.7810, 12.4330,
25.6251

■ 176.8620, 16.3370,

33.4470

■ 182.9430, 20.2411,
41.2690

Harmonies

Analogous

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



132.7740, -27.4966, -0.6788



127.9150, -14.7481, -29.7435



118.3630, 5.7370, -66.9704

Triad

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



127.9150, -14.7481, -29.7435



128.1980, 36.3844, -50.1626



139.1270, -12.3876, 53.3856

Complementary

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



127.9150, -14.7481, -29.7435



117.0850, 14.7481, 29.7435

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.



140.9920, 2.4689, 48.2420



127.9150, -14.7481, -29.7435



139.2250, 28.9761, -7.2133

Square

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



127.9150, -14.7481, -29.7435



110.2970, 39.2936, -96.7305



142.0460, 17.2323, 26.2697



137.9290, -25.6010, 44.7893

Rectangle

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



127.9150, -14.7481, -29.7435



108.3130, 21.5377, -94.9905



142.0460, 17.2323, 26.2697



139.9790, -7.8776, 53.5154

Sweetspot

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



127.9150, -14.7481, -29.7435



187.4410, -5.6404, -10.9108



143.3060, -24.3079, 3.2396



94.0440, -3.4727, -6.1776



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.9150, -14.7481, -29.7435



160.3400, -22.8456, -45.9022



131.1070, -2.5178, -32.5428



73.6960, -2.3151, -4.1184



83.3200, -36.1468, -73.0716



7.7450, -3.3253, -6.7924

Inverse Universe

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



117.0850, 14.7481, 29.7435



143.6600, 22.8456, 45.9022



113.8930, 2.5178, 32.5428



72.1900, 1.8783, 4.2184



56.6800, 36.1468, 73.0716



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 127.9150, -14.7481, -29.7435 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 127.9150, -14.7481, -29.7435 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 127.9150, -14.7481, -29.7435 Background



This preview shows how black text looks on a background with the YUV color 127.9150, -14.7481, -29.7435.



This preview shows how white text looks on a background with the YUV color 127.9150, -14.7481, -29.7435.

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

127.9150, -14.7481, -29.7435

Protanopia

135.4580, -21.4248, 11.8763

Deuteranopia

137.5500, -17.5262, 21.4426



Tritanopia

133.5930, 10.5537, -25.0761

Trichromacy



Original Color

127.9150, -14.7481, -29.7435

Protanomaly

132.6410, -19.0500, -3.1932

Deuteranomaly

134.0700, -16.3035, 2.5696

Tritanomaly

131.7640, 1.1023, -26.9800

Monochromacy



Original Color

127.9150, -14.7481, -29.7435

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9150, -14.7481, -29.7435 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(94, 151, 98)` looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 98)  
}
```

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(94, 151, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 98) }
```

Border

The CSS property to change the border of an element to YUV 127.9150, -14.7481, -29.7435 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(94, 151, 98) }
```


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

```
.border{ border-color:rgb(94, 151, 98) }
```

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

Here you see how a box with a 4 pixel rgb(94, 151, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 98);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 127.9150, -14.7481, -29.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 98) }
```

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

```
.background{ background-color: rgb(94, 151,  
98) }
```

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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