

Converting Colors

YUV(127.1630, -7.4754,
-29.0840)

Have a look what the booklet for
YUV(127.1630, -7.4754, -29.0840)
contains.

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Color

**YUV(127.1630, -7.4754,
-29.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9370
RGB	94, 147, 112
RGB Percent	37%, 58%, 44%
CMY	0.6314, 0.4235, 0.5608
CMYK	0.36, 0.00, 0.24, 0.42
HSL	140°, 22%, 47%
HSV	140°, 36%, 58%
XYZ	17.9744, 24.4170, 19.0948
YIQ	127.1630, -20.3530, -22.1210

Conversions

Conversions Part 2

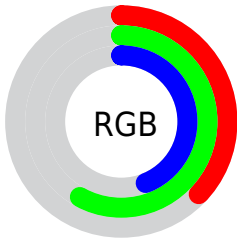
Format	Color
R _Y B	94, 134, 147
Decimal	6198128
CIE Lab	56.50, -25.52, 13.06
CIE LCh	57, 28.663, 152.900
Yxy	24.4170, 0.2923, 0.3971
Android (android.graphics.Color)	4284388208 (0xFF5E9370)
YUV	127.1630, -7.4754, -29.0840
Hunter-Lab	49.4135, -21.5433, 11.6781

Details

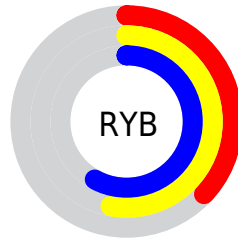
The YUV color **127.1630, -7.4754, -29.0840** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **113.8370, 7.4754, 29.0840**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3370, -8.0541, -30.1135**, and **76.8040, -6.3124, -28.7691** is the 20% darker color. If you saturate the color by 10%, you get **121.5380, -9.6322, -37.3058**, and if you desaturate by 10%, it is **132.7880, -5.3185, -20.8621**.

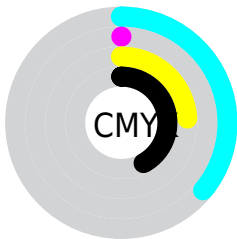
Distribution



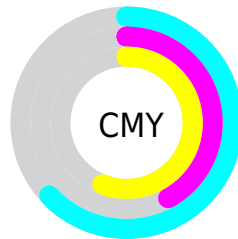
- Red (37%)
- Green (58%)
- Blue (44%)



- Red (37%)
- Yellow (53%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)





- Cyan (63%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1630, -7.4754, -29.0840 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 127.1630, -7.4754, -29.0840 by changing the saturation by 10% instead.


 127.1630, -7.4754,
-29.0840


 127.1630, -7.4754,
-29.0840


255.0000, 0.0000,
0.0000

 101.5760, -7.1860,
-28.5692


 180.3370, -8.0541,
-30.1135


 76.8040, -6.3124,
-28.7691


 208.5110, -8.6329,
-31.1431


 52.4340, -5.1440,
-30.1986

 234.7500, -7.7648,
-29.5987

 31.1570, -5.0074,
-27.3247

 246.6130, 0.1908,
-14.5696

 17.6100, -8.6817,
-15.4440

 0.0000, 0.0000,
0.0000

■ 127.1630, -7.4754,
-29.0840

■ 127.1630, -7.4754,
-29.0840

■ 121.5380, -9.6322,
-37.3058

■ 132.7880, -5.3185,
-20.8621

■ 116.3260,
-11.4997, -45.0129

■ 138.0000, -3.4510,
-13.1550

■ 110.7010,
-13.6566, -53.2348

■ 143.6250, -1.2941,
-4.9331

■ 105.0760,
-15.8135, -61.4567

■ 149.2500, 0.8628,
3.2887

■ 99.7500, -18.1178,
-69.0637

■ 154.8750, 3.0196,
11.5106

■ 94.2390, -19.8378,
-77.3856

■ 160.0870, 4.8871,
19.2177

■ 91.9890, -20.7006,
-80.6744

■ 165.7120, 7.0440,
27.4396

■ 171.3370, 9.2009,

35.6615

 176.5490, 11.0683,
43.3685

Harmonies

Analogous

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



131.0320, -18.7498, -6.1671



127.1630, -7.4754, -29.0840



122.2170, 7.2880, -51.0563

Triad

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



127.1630, -7.4754, -29.0840



132.9040, 25.6833, -24.4718



137.1100, -13.3652, 40.2455

Complementary

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



127.1630, -7.4754, -29.0840



113.8370, 7.4754, 29.0840

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.



138.0850, -2.0139, 39.3905



127.1630, -7.4754, -29.0840



137.7720, 19.3394, 3.7080

Square

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



127.1630, -7.4754, -29.0840



124.6680, 26.7857, -51.4518



139.0970, 9.8122, 26.2249



135.5790, -21.4844, 31.0642

Rectangle

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



127.1630, -7.4754, -29.0840



119.6700, 16.9247, -61.9776



139.0970, 9.8122, 26.2249



137.9190, -10.3131, 41.2900

Sweetspot

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



127.1630, -7.4754, -29.0840



183.1250, -3.0196, -11.5106



135.5760, -20.4970, -5.7672



92.2010, -1.5781, -7.1923



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.



127.1630, -7.4754, -29.0840



160.3260, -11.4997, -45.0129



130.1270, 3.8814, -31.6834



71.3370, -1.1521, -3.8035



86.3640, -19.4065, -75.7412



6.2120, -1.5835, -5.4479

Inverse Universe

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



113.8370, 7.4754, 29.0840



139.6740, 11.4997, 45.0129



110.8730, -3.8814, 31.6834



69.5490, 0.7153, 3.9035



51.6360, 19.4065, 75.7412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 127.1630, -7.4754, -29.0840 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 127.1630, -7.4754, -29.0840 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 127.1630, -7.4754, -29.0840 Background



This preview shows how black text looks on a background with the YUV color 127.1630, -7.4754, -29.0840.



This preview shows how white text looks on a background with the YUV color 127.1630, -7.4754,

-29.0840.

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

127.1630, -7.4754, -29.0840

Protanopia

134.3850, -13.9938, 8.4324

Deuteranopia

135.8790, -9.8003, 16.7691



Tritanopia

131.5930, 10.5537, -25.0761

Trichromacy



Original Color

127.1630, -7.4754, -29.0840

Protanomaly

131.5790, -11.6244, -4.8928

Deuteranomaly

132.7090, -8.7305, 0.2552

Tritanomaly

130.1600, 3.8651, -26.4503

Monochromacy



Original Color

127.1630, -7.4754, -29.0840

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1630, -7.4754, -29.0840 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, 147, 112)` looks like.

```
.text, #text, p{  
    color:rgb(94, 147, 112)  
}
```

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, 147, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 147, 112) }
```

Border

The CSS property to change the border of an element to YUV 127.1630, -7.4754, -29.0840 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, 147, 112) }
```


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

```
.border{ border-color:rgb(94, 147, 112) }
```

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

Here you see how a box with a 4 pixel rgb(94, 147, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 147, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 147, 112);  
box-shadow:4px 4px 4px 4px rgb(94, 147,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 127.1630, -7.4754, -29.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 147, 112) }
```

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

```
.background{ background-color: rgb(94, 147,  
112) }
```

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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