

# Converting Colors

YUV(126.6470, -8.2070,  
-27.7544)

Have a look what the booklet for  
YUV(126.6470, -8.2070, -27.7544)  
contains.

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# Color

**YUV(126.6470, -8.2070,  
-27.7544)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F926E
RGB	95, 146, 110
RGB Percent	37%, 57%, 43%
CMY	0.6275, 0.4275, 0.5686
CMYK	0.35, 0.00, 0.25, 0.43
HSL	138°, 21%, 47%
HSV	138°, 35%, 57%
XYZ	17.8127, 24.1165, 18.4680
YIQ	126.6470, -18.8400, -22.0080

# Conversions

## Conversions Part 2

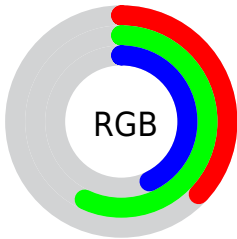
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 134, 146
Decimal	6263406
CIE <sub>Lab</sub>	56.20, -25.09, 13.78
CIE <sub>LCh</sub>	56, 28.628, 151.224
Yxy	24.1165, 0.2949, 0.3993
Android (android.graphics.Color)	4284453486 (0xFF5F926E)
YUV	126.6470, -8.2070, -27.7544
Hunter-Lab	49.1085, -21.1942, 12.0791

# Details

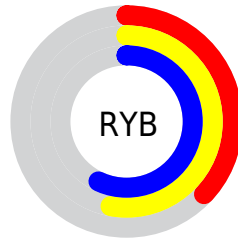
The YUV color **126.6470, -8.2070, -27.7544** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **114.3530, 8.2070, 27.7544**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8210, -8.7858, -28.7840**, and **76.2880, -7.0440, -27.4396** is the 20% darker color. If you saturate the color by 10%, you get **121.0220, -10.3638, -35.9763**, and if you desaturate by 10%, it is **132.2720, -6.0501, -19.5325**.

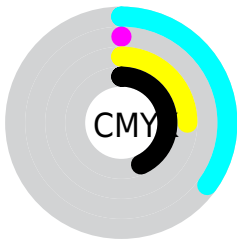
# Distribution



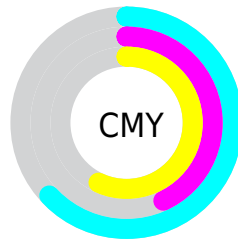
- Red (37%)
- Green (57%)
- Blue (43%)



- Red (37%)
- Yellow (53%)
- Blue (57%)



- Cyan (35%)
- Magenta (0%)
- Yellow (25%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.6470, -8.2070, -27.7544 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 126.6470, -8.2070, -27.7544 by changing the saturation by 10% instead.



■ 126.6470, -8.2070,  
-27.7544

■ 126.6470, -8.2070,  
-27.7544

■ 255.0000, 0.0000,  
0.0000

■ 101.1740, -7.4808,  
-27.3396

■ 179.8210, -8.7858,  
-28.7840

■ 76.2880, -7.0440,  
-27.4396

■ 207.4080, -9.0751,  
-29.2988

■ 52.2170, -6.0230,  
-28.2543

■ 234.8210, -8.7858,  
-28.7840

■ 30.3420, -5.5916,  
-26.6099

■ 246.6840, -0.8302,  
-13.7549

■ 17.0230, -8.3923,  
-14.9292

■ 0.0000, 0.0000,  
0.0000

■ 126.6470, -8.2070,  
-27.7544

■ 126.6470, -8.2070,  
-27.7544

■ 121.0220,  
-10.3638, -35.9763

■ 132.2720, -6.0501,  
-19.5325

■ 115.5820,  
-13.1049, -43.4834

■ 137.7120, -3.3090,  
-12.0254

■ 109.9570,  
-15.2618, -51.7053

■ 143.3370, -1.1521,  
-3.8035

■ 104.6310,  
-17.5661, -59.3124

■ 148.6630, 1.1521,  
3.8035

■ 98.8920, -20.1598,  
-67.4343

■ 154.4020, 3.7458,  
11.9254

■ 93.2670, -22.3166,  
-75.6562

■ 160.0270, 5.9027,  
20.1473

■ 90.6040, -23.4688,  
-79.4597

■ 165.3530, 8.2070,  
27.7544

■ 170.9780, 10.3638,

35.9763

■ 176.4180, 13.1049,  
43.4834

# Harmonies

## Analogous

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



130.2170, -19.3340, -5.4523



126.6470, -8.2070, -27.7544



121.7010, 6.5564, -49.7268

# Triad

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



126.6470, -8.2070, -27.7544



131.8930, 25.6888, -26.2162



136.5230, -13.0758, 40.7603

# Complementary

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



126.6470, -8.2070, -27.7544



114.3530, 8.2070, 27.7544

# 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.



137.9000, -1.4297, 38.6757



126.6470, -8.2070, -27.7544



136.8750, 19.7816, 1.8636

# Square

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



126.6470, -8.2070, -27.7544



123.9560, 26.6437, -52.5814



138.4990, 10.1070, 24.9954



134.9920, -21.1951, 31.5790



# Rectangle

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



126.6470, -8.2070, -27.7544



118.8550, 16.3405, -61.2628



138.4990, 10.1070, 24.9954



137.1470, -9.4395, 41.0901

# Sweetspot

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



126.6470, -8.2070, -27.7544



181.7230, -3.3144, -10.2811



136.0000, -20.2130, -3.5080



89.7990, -1.8729, -5.9627



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



126.6470, -8.2070, -27.7544



158.6960, -12.6681, -43.5834



129.4970, 2.7130, -30.2539



71.3370, -1.1521, -3.8035



85.6800, -22.0272, -75.1414



6.2120, -1.5835, -5.4479



# Inverse Universe

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



114.3530, 8.2070, 27.7544



139.3040, 12.6681, 43.5834



111.5030, -2.7130, 30.2539



69.6630, 1.1521, 3.8035



52.3200, 22.0272, 75.1414



3.7880, 1.5835, 5.4479



# Previews

## White Background



This preview shows how the YUV color 126.6470, -8.2070, -27.7544 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 126.6470, -8.2070, -27.7544 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 126.6470, -8.2070, -27.7544 Background



This preview shows how black text looks on a background with the YUV color 126.6470, -8.2070, -27.7544.



This preview shows how white text looks on a background with the YUV color 126.6470, -8.2070,

-27.7544.

# 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

126.6470, -8.2070, -27.7544

### Protanopia

133.2710, -14.4306, 8.5323

### Deuteranopia

134.7650, -10.2371, 16.8691



**Tritanopia**

130.6040, 10.5482, -23.3317

# Trichromacy



## Original Color

126.6470, -8.2070, -27.7544

## Protanomaly

130.7640, -12.2087, -4.1780

## Deuteranomaly

131.8940, -9.3147, 0.9700

## Tritanomaly

129.1710, 3.8597, -24.7060

# Monochromacy



## Original Color

126.6470, -8.2070, -27.7544

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

126.8370, -2.8776, -10.3810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.6470, -8.2070, -27.7544 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(95, 146, 110)` looks like.

```
.text, #text, p{  
    color:rgb(95, 146, 110)  
}
```

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(95, 146, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 146, 110) }
```

## Border

The CSS property to change the border of an element to YUV 126.6470, -8.2070, -27.7544 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(95, 146, 110) }
```



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

```
.border{ border-color:rgb(95, 146, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 146, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 146, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 146, 110);  
box-shadow:4px 4px 4px 4px rgb(95, 146,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 126.6470, -8.2070, -27.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 146, 110) }
```

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

```
.background{ background-color: rgb(95, 146,  
110) }
```

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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