

# Converting Colors

YUV(96.2470, 8.7522, -7.2326)

Have a look what the booklet for  
YUV(96.2470, 8.7522, -7.2326)  
contains.

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# Color

**YUV(96.2470, 8.7522,  
-7.2326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	586172
RGB	88, 97, 114
RGB Percent	35%, 38%, 45%
CMY	0.6549, 0.6196, 0.5529
CMYK	0.23, 0.15, 0.00, 0.55
HSL	219°, 13%, 40%
HSV	219°, 23%, 45%
XYZ	11.3365, 11.8390, 17.6072
YIQ	96.2470, -10.8210, 3.3790

# Conversions

## Conversions Part 2

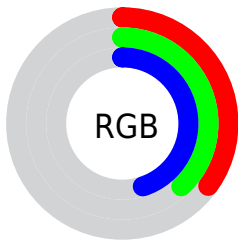
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 95, 114
Decimal	5792114
CIE Lab	40.96, 0.61, -10.76
CIE LCh	41, 10.774, 273.237
Yxy	11.8390, 0.2780, 0.2903
Android (android.graphics.Color)	4283982194 (0xFF586172)
YUV	96.2470, 8.7522, -7.2326
Hunter-Lab	34.4078, -1.4028, -6.2545

# Details

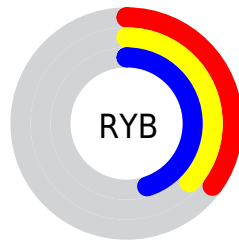
The YUV color **96.2470, 8.7522, -7.2326** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.7530, -8.7522, 7.2326**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0620, 9.3364, -7.9474**, and **50.0190, 7.8786, -7.0327** is the 20% darker color. If you saturate the color by 10%, you get **88.8490, 12.3994, -10.3916**, and if you desaturate by 10%, it is **103.6450, 5.1050, -4.0737**.

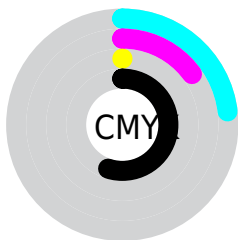
# Distribution



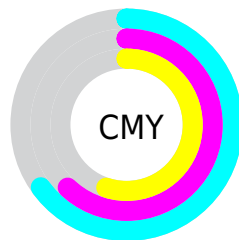
- Red (35%)
- Green (38%)
- Blue (45%)



- Red (35%)
- Yellow (37%)
- Blue (45%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (65%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.2470, 8.7522, -7.2326 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 96.2470, 8.7522, -7.2326 by changing the saturation by 10% instead.



■ 96.2470, 8.7522,  
-7.2326

■ 96.2470, 8.7522,  
-7.2326

■ 255.0000, 0.0000,  
0.0000

■ 72.1330, 8.3154,  
-7.1326

■ 147.0620, 9.3364,  
-7.9474

■ 50.0190, 7.8786,  
-7.0327

■ 173.4750, 9.6258,  
-7.4326

■ 28.9050, 7.4418,  
-6.9327

■ 200.5890, 10.0626,  
-7.5326

■ 5.0840, 9.3256,  
-4.4587

■ 229.1760, 9.7732,  
-8.0474

■ 0.0000, 0.0000,  
0.0000

■ 252.9070, 1.0318,  
-4.3034

■ 96.2470, 8.7522,  
-7.2326

■ 96.2470, 8.7522,  
-7.2326

■ 88.8490, 12.3994,  
-10.3916

■ 103.6450, 5.1050,  
-4.0737

■ 80.5650, 16.4835,  
-13.6505

■ 111.9290, 1.0210,  
-0.8147

■ 73.1670, 20.1307,  
-16.8095

■ 119.3270, -2.6262,  
2.3442

■ 64.8830, 24.2147,  
-20.0684

■ 127.6110, -6.7102,  
5.6032

■ 57.4850, 27.8619,  
-23.2273

■ 135.0090,  
-10.3574, 8.7621

■ 49.5000, 31.7985,  
-25.8715

■ 142.9940,  
-14.2940, 11.4063

■ 41.8030, 35.5931,  
-29.6452

■ 150.6910,  
-18.0887, 15.1800

■ 35.8890, 38.5087,

■ 158.6760,

-31.4747

-22.0253, 17.8241

■ 166.3730,  
-25.8199, 21.5979

# Harmonies

## Analogous

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



94.7900, 8.4845, -14.7248



96.2470, 8.7522, -7.2326



97.4330, 6.6885, 1.3743

# Triad

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



96.2470, 8.7522, -7.2326



97.7200, -5.2850, 15.1546



94.1360, -3.0250, -9.7663

# Complementary

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



96.2470, 8.7522, -7.2326



105.7530, -8.7522, 7.2326

# 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.



95.2680, -6.5411, -1.9890



96.2470, 8.7522, -7.2326



97.0140, -7.8949, 12.2657

# Square

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



96.2470, 8.7522, -7.2326



97.8600, -0.9170, 14.1548



96.1550, -8.4574, 6.0031



93.6560, 1.6486, -15.4843



# Rectangle

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



96.2470, 8.7522, -7.2326



97.8960, 4.4883, 7.1072



96.1550, -8.4574, 6.0031



94.2180, -4.0515, -7.2072

# Sweetspot

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



96.2470, 8.7522, -7.2326



140.9010, 3.4998, -2.5442



105.2000, -0.0986, -15.0844



69.8580, 2.0420, -1.6295



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



96.2470, 8.7522, -7.2326



120.7780, 13.4204, -11.2063



92.1600, 10.7671, -0.1403



51.8580, 2.0420, -1.6295



37.7470, 40.5507, -33.1041



78.6400, 83.0015, -68.9673



# Inverse Universe

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



96.8000, 0.0986, 15.0844



121.5560, 0.2189, 23.1914



109.8400, -10.7671, 0.1403



52.0220, -0.0108, 3.4887



40.5540, 0.2199, 69.6741

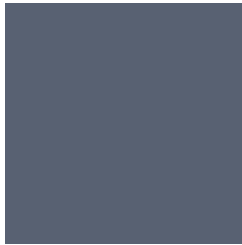


83.6570, 1.1551, 143.2518



# Previews

## White Background



This preview shows how the YUV color 96.2470, 8.7522, -7.2326 looks on a white 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



# Black Background



This preview shows how the YUV color 96.2470, 8.7522, -7.2326 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

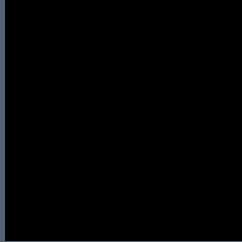
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

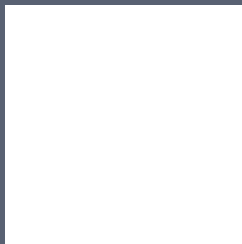
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 96.2470, 8.7522, -7.2326

## Background



This preview shows how black text looks on a background with the YUV color 96.2470, 8.7522, -7.2326.



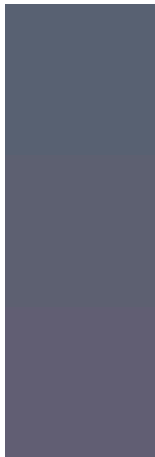
This preview shows how white text looks on a background with the YUV color 96.2470, 8.7522, -7.2326.

-7.2326.

# 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

96.2470, 8.7522, -7.2326

### Protanopia

97.0410, 7.8678, -3.5440

### Deuteranopia

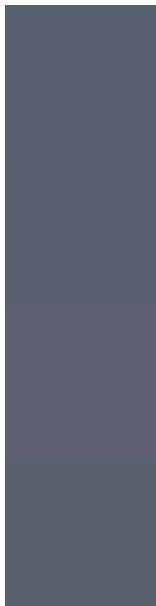
97.2910, 8.7305, -0.2552



## Tritanopia

95.3240, 5.2633, -8.1771

# Trichromacy



## Original Color

96.2470, 8.7522, -7.2326

## Protanomaly

96.4430, 8.1626, -4.7735

## Deuteranomaly

96.9810, 8.8834, -2.6143

## Tritanomaly

95.9650, 6.4263, -7.8623

# Monochromacy



## Original Color

96.2470, 8.7522, -7.2326

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.9010, 3.4998, -2.5442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.2470, 8.7522, -7.2326 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(88, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 114)  
}
```

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(88, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 114) }
```

## Border

The CSS property to change the border of an element to YUV 96.2470, 8.7522, -7.2326 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(88, 97, 114) }
```



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

```
.border{ border-color:rgb(88, 97, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 96.2470, 8.7522, -7.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 114) }
```

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

```
.background{ background-color: rgb(88, 97,  
114) }
```

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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