

# Converting Colors

YUV(124.4520, 0.7632,  
-58.2784)

Have a look what the booklet for  
YUV(124.4520, 0.7632, -58.2784)  
contains.

<b>YUV(124.4520, 0.7632, -58.2784)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(124.4520, 0.7632,  
-58.2784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A9E7E
RGB	58, 158, 126
RGB Percent	23%, 62%, 49%
CMY	0.7725, 0.3804, 0.5059
CMYK	0.63, 0.00, 0.20, 0.38
HSL	161°, 46%, 42%
HSV	161°, 63%, 62%
XYZ	17.7377, 26.8596, 23.9882
YIQ	124.4520, -49.3280, -31.1520

# Conversions

## Conversions Part 2

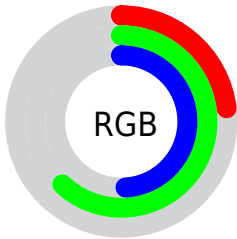
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 118, 158
Decimal	3841662
CIELab	58.84, -36.87, 8.25
CIElCh	59, 37.785, 167.391
Yxy	26.8596, 0.2586, 0.3916
Android (android.graphics.Color)	4282031742 (0xFF3A9E7E)
YUV	124.4520, 0.7632, -58.2784
Hunter-Lab	51.8263, -29.6039, 8.8355

# Details

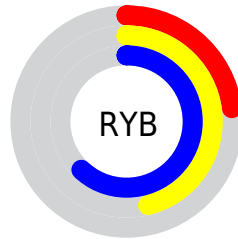
The YUV color **124.4520, 0.7632, -58.2784** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.5480, -0.7632, 58.2784**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1210, -0.5527, -56.2341**, and **71.0000, 2.9580, -62.2670** is the 20% darker color. If you saturate the color by 10%, you get **119.0980, 0.9377, -67.6149**, and if you desaturate by 10%, it is **129.8060, 0.5886, -48.9419**.

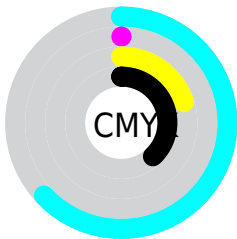
# Distribution



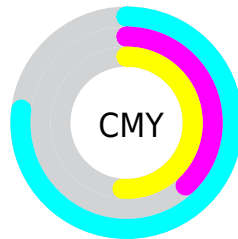
- Red (23%)
- Green (62%)
- Blue (49%)



- Red (23%)
- Yellow (46%)
- Blue (62%)



- Cyan (63%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (77%)
- Magenta (38%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.4520, 0.7632, -58.2784 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 124.4520, 0.7632, -58.2784 by changing the saturation by 10% instead.



124.4520, 0.7632,  
-58.2784

124.4520, 0.7632,  
-58.2784

255.0000, 0.0000,  
0.0000

94.9890, 2.9634,  
-64.0114

180.1210, -0.5527,  
-56.2341

71.0000, 2.9580,  
-62.2670

208.5940, -1.2788,  
-56.6489

53.7030, 0.1464,  
-47.0975

227.7890, 3.0620,  
-48.9270

37.2210, -2.0810,  
-32.6428

238.8540, 7.9600,  
-33.1980

22.8590, -6.3395,  
-20.0473

247.5250, 3.6852,  
-15.3694

0.0000, 0.0000,  
0.0000

■ 124.4520, 0.7632,  
-58.2784

■ 124.4520, 0.7632,  
-58.2784

■ 119.0980, 0.9377,  
-67.6149

■ 129.8060, 0.5886,  
-48.9419

■ 113.7440, 1.1122,  
-76.9515

■ 135.1600, 0.4141,  
-39.6053

■ 108.6890, 1.1393,  
-85.6733

■ 140.2150, 0.3870,  
-30.8836

■ 104.9440, 1.0136,  
-92.0359

■ 145.5690, 0.2125,  
-21.5470

■ 150.9230, 0.0380,  
-12.2105

■ 156.2770, -0.1366,  
-2.8739

■ 161.6310, -0.3111,  
6.4626

■ 166.6860, -0.3382,

15.1844

■ 172.1540, -0.0759,  
24.4209

# Harmonies

## Analogous

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



132.9220, -18.6955, -23.6106



124.4520, 0.7632, -58.2784



111.5730, 23.8745, -97.8495

# Triad

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



124.4520, 0.7632, -58.2784



141.1530, 31.4766, -15.9202



141.8200, -23.5753, 48.3929

# Complementary

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



124.4520, 0.7632, -58.2784



91.5480, -0.7632, 58.2784

# 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.



143.4090, -10.0616, 54.0153



124.4520, 0.7632, -58.2784



145.8110, 20.3062, 20.3368

# Square

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



124.4520, 0.7632, -58.2784



128.2890, 38.3115, -61.6435



144.8930, 5.9688, 45.6978



140.2340, -31.6674, 30.4898



# Rectangle

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



124.4520, 0.7632, -58.2784



112.7930, 33.6261, -98.9195



144.8930, 5.9688, 45.6978



142.2810, -19.3655, 51.4966

# Sweetspot

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



124.4520, 0.7632, -58.2784



193.5580, 0.2179, -23.2914



126.5670, -33.8035, -31.1923



96.9120, 0.0434, -13.9548



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



124.4520, 0.7632, -58.2784



154.2430, 0.8662, -91.4211



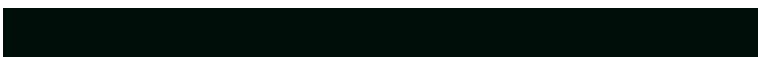
118.1210, 19.6603, -52.7261



76.3800, 0.3057, -4.7183



94.9990, 0.9865, -83.3141



9.9450, 0.0271, -8.7218



# Inverse Universe

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



91.5480, -0.7632, 58.2784



102.6430, -1.3030, 91.5211



97.8790, -19.6603, 52.7261



73.7340, 0.1311, 4.6183



48.0010, -0.9865, 83.3141



5.0550, -0.0271, 8.7218



# Previews

## White Background



This preview shows how the YUV color 124.4520, 0.7632, -58.2784 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 124.4520, 0.7632, -58.2784 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 124.4520, 0.7632, -58.2784 Background



This preview shows how black text looks on a background with the YUV color 124.4520, 0.7632, -58.2784.



This preview shows how white text looks on a background with the YUV color 124.4520, 0.7632,

-58.2784.

# 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

124.4520, 0.7632, -58.2784

### Protanopia

139.7700, -11.2256, 7.2177

### Deuteranopia

142.0080, -5.4269, 14.0250



## Tritanopia

130.4480, 17.0341, -50.3819

# Trichromacy



## Original Color

124.4520, 0.7632, -58.2784

## Protanomaly

134.3540, -7.0765, -16.9735

## Deuteranomaly

135.7120, -3.3090, -12.0254

## Tritanomaly

128.5310, 11.0772, -53.0857

# Monochromacy



## Original Color

124.4520, 0.7632, -58.2784

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.9820, 0.5019, -21.0322

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.4520, 0.7632, -58.2784 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(58, 158, 126)` looks like.

```
.text, #text, p{  
    color:rgb(58, 158, 126)  
}
```

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(58, 158, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 126) }
```

## Border

The CSS property to change the border of an element to YUV 124.4520, 0.7632, -58.2784 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(58, 158, 126) }
```



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

```
.border{ border-color:rgb(58, 158, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 158, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 158, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 158, 126);  
box-shadow:4px 4px 4px 4px rgb(58, 158,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 124.4520, 0.7632, -58.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 126) }
```

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

```
.background{ background-color: rgb(58, 158,  
126) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor