

Converting Colors

YUV(125.8390, 0.5724,
-43.7088)

Have a look what the booklet for
YUV(125.8390, 0.5724, -43.7088)
contains.

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Color

**YUV(125.8390, 0.5724,
-43.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	4C977F
RGB	76, 151, 127
RGB Percent	30%, 59%, 50%
CMY	0.7020, 0.4078, 0.5020
CMYK	0.50, 0.00, 0.16, 0.41
HSL	161°, 33%, 45%
HSV	161°, 50%, 59%
XYZ	17.8779, 25.2020, 24.0009
YIQ	125.8390, -36.9960, -23.3640

Conversions

Conversions Part 2

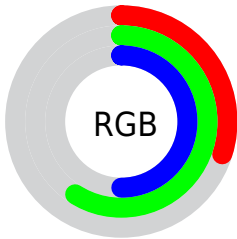
Format	Color
RYB	76, 121, 151
Decimal	5019519
CIELab	57.27, -29.35, 5.52
CIElCh	57, 29.859, 169.354
Yxy	25.2020, 0.2665, 0.3757
Android (android.graphics.Color)	4283209599 (0xFF4C977F)
YUV	125.8390, 0.5724, -43.7088
Hunter-Lab	50.2016, -24.2852, 6.7952

Details

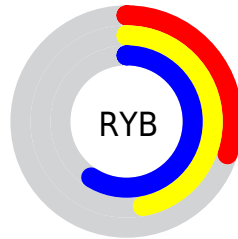
The YUV color **125.8390, 0.5724, -43.7088** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **101.1610, -0.5724, 43.7088**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3120, -0.1538, -44.1236**, and **72.3760, 2.7726, -49.4418** is the 20% darker color. If you saturate the color by 10%, you get **120.7840, 0.5995, -52.4306**, and if you desaturate by 10%, it is **130.8940, 0.5453, -34.9870**.

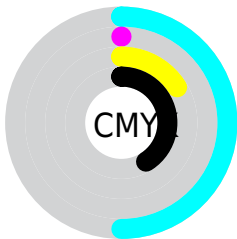
Distribution



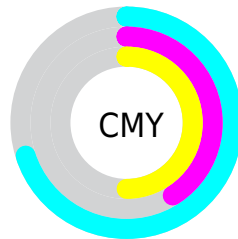
- Red (30%)
- Green (59%)
- Blue (50%)



- Red (30%)
- Yellow (47%)
- Blue (59%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8390, 0.5724, -43.7088 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 125.8390, 0.5724, -43.7088 by changing the saturation by 10% instead.

■ 125.8390, 0.5724,
-43.7088

■ 125.8390, 0.5724,
-43.7088

■ 255.0000, 0.0000,
0.0000

■ 99.6540, 1.1566,
-44.4236

■ 180.3120, -0.1538,
-44.1236

■ 72.3760, 2.7726,
-49.4418

■ 207.8990, -0.4432,
-44.6384

■ 50.2950, 2.3196,
-44.1087

■ 231.7900, 1.5825,
-41.0348

■ 34.4000, -0.1972,
-30.1688

■ 242.7410, 6.0437,
-25.2059

■ 20.7390, -4.3083,
-18.1881

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 125.8390, 0.5724,
-43.7088

■ 125.8390, 0.5724,
-43.7088

■ 120.7840, 0.5995,
-52.4306

■ 130.8940, 0.5453,
-34.9870

■ 115.7290, 0.6266,
-61.1523

■ 135.9490, 0.5181,
-26.2653

■ 110.7880, 1.0905,
-69.9741

■ 140.8900, 0.0542,
-17.4435

■ 105.7330, 1.1176,
-78.6958

■ 145.9450, 0.0271,
-8.7218

■ 100.3790, 1.2922,
-88.0324

■ 151.2990, -0.1474,
0.6148

■ 156.3540, -0.1745,
9.3365

■ 161.4090, -0.2016,
18.0583

■ 166.4640, -0.2288,

26.7801

■ 171.4050, -0.6927,
35.6018

Harmonies

Analogous

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



130.9100, -13.7596, -20.0921



125.8390, 0.5724, -43.7088



119.9470, 16.7881, -64.8515

Triad

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



125.8390, 0.5724, -43.7088



137.8350, 23.7453, -9.5023



138.4920, -19.4696, 38.1565

Complementary

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



125.8390, 0.5724, -43.7088



101.1610, -0.5724, 43.7088

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.



139.6850, -8.7187, 43.2493



125.8390, 0.5724, -43.7088



141.1220, 15.2229, 17.4330

Square

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



125.8390, 0.5724, -43.7088



131.0870, 28.0581, -39.5413



140.5560, 3.6699, 36.3464



136.6120, -24.9517, 23.1423

Rectangle

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



125.8390, 0.5724, -43.7088



119.9880, 24.6559, -68.3955



140.5560, 3.6699, 36.3464



139.0130, -16.2754, 40.3306

Sweetspot

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



125.8390, 0.5724, -43.7088



186.3030, 0.3436, -16.9287



127.5000, -25.3895, -23.2405



93.3470, 0.3219, -9.9513



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.



125.8390, 0.5724, -43.7088



156.7990, 1.0851, -68.2297



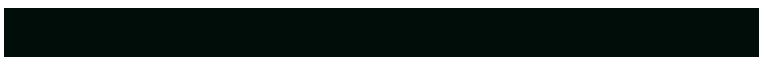
120.9440, 14.8176, -39.4159



74.2660, -0.1311, -4.6183



93.0100, 0.9811, -81.5698



8.6570, 0.1691, -7.5922

Inverse Universe

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



101.1610, -0.5724, 43.7088



118.2010, -1.0851, 68.2297



106.0560, -14.8176, 39.4159



71.6200, -0.3057, 4.7183



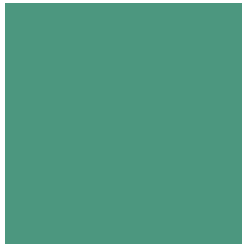
46.9900, -0.9811, 81.5698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 125.8390, 0.5724, -43.7088 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 125.8390, 0.5724, -43.7088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

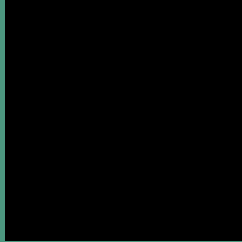
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.8390, 0.5724, -43.7088

Background



This preview shows how black text looks on a background with the YUV color 125.8390, 0.5724, -43.7088.



This preview shows how white text looks on a background with the YUV color 125.8390, 0.5724,

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

125.8390, 0.5724, -43.7088

Protanopia

136.1550, -8.4574, 6.0031

Deuteranopia

137.8660, -3.3849, 12.3955



Tritanopia

129.7160, 13.9440, -39.2159

Trichromacy



Original Color

125.8390, 0.5724, -43.7088

Protanomaly

132.2560, -5.0562, -11.6255

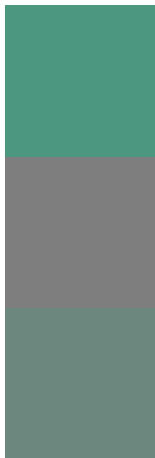
Deuteranomaly

133.4890, -1.7201, -8.3219

Tritanomaly

128.1520, 9.2921, -40.4753

Monochromacy



Original Color

125.8390, 0.5724, -43.7088

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9010, 0.0488, -15.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8390, 0.5724, -43.7088 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(76, 151, 127)` looks like.

```
.text, #text, p{  
    color:rgb(76, 151, 127)  
}
```

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(76, 151, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 151, 127) }
```

Border

The CSS property to change the border of an element to YUV 125.8390, 0.5724, -43.7088 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(76, 151, 127) }
```


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

```
.border{ border-color:rgb(76, 151, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 151, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 151, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 151, 127);  
box-shadow:4px 4px 4px 4px rgb(76, 151,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 125.8390, 0.5724, -43.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 151, 127) }
```

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

```
.background{ background-color: rgb(76, 151,  
127) }
```

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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