

Converting Colors

YUV(126.3740, 2.7736, -2.9590)

Have a look what the booklet for
YUV(126.3740, 2.7736, -2.9590)
contains.

YUV(126.3740, 2.7736, -2.9590)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(126.3740, 2.7736,
-2.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7F84
RGB	123, 127, 132
RGB Percent	48%, 50%, 52%
CMY	0.5176, 0.5020, 0.4824
CMYK	0.07, 0.04, 0.00, 0.48
HSL	213°, 4%, 50%
HSV	213°, 7%, 52%
XYZ	19.9226, 21.0556, 24.8439
YIQ	126.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

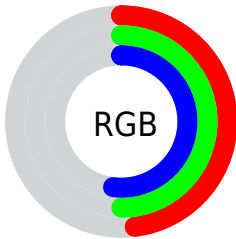
Format	Color
RYB	123, 126, 132
Decimal	8093572
CIELab	53.01, -0.45, -3.23
CIElCh	53, 3.260, 262.114
Yxy	21.0556, 0.3027, 0.3199
Android (android.graphics.Color)	4286283652 (0xFF7B7F84)
YUV	126.3740, 2.7736, -2.9590
Hunter-Lab	45.8864, -2.8015, 0.0196

Details

The YUV color $126.3740, 2.7736, -2.9590$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $128.6260, -2.7736, 2.9590$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.0750, 2.9210, -3.5738$, and $77.3740, 2.7736, -2.9590$ is the 20% darker color. If you saturate the color by 10%, you get $118.3780, 6.7156, -7.3475$, and if you desaturate by 10%, it is $134.3700, -1.1684, 1.4295$.

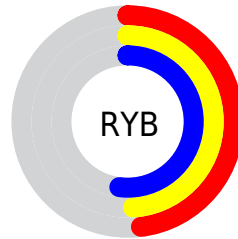
Distribution



Red (48%)

Green (50%)

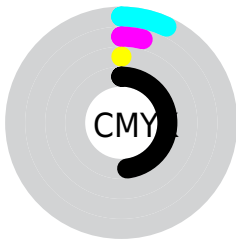
Blue (52%)



Red (48%)

Yellow (49%)

Blue (52%)

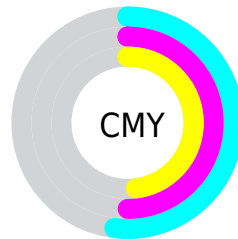


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (48%)



Cyan (52%)

Magenta (50%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3740, 2.7736, -2.9590 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 126.3740, 2.7736, -2.9590 by changing the saturation by 10% instead.

■ 126.3740, 2.7736,
-2.9590

■ 126.3740, 2.7736,
-2.9590

■ 255.0000, 0.0000,
0.0000

■ 101.3740, 2.7736,
-2.9590

■ 179.0750, 2.9210,
-3.5738

■ 77.3740, 2.7736,
-2.9590

■ 206.4880, 3.2104,
-3.0590

■ 54.6730, 2.6262,
-2.3442

■ 234.4880, 3.2104,
-3.0590

■ 33.5590, 2.1894,
-2.2442

■ 10.7760, 3.0684,
-4.1886

■ 0.0000, 0.0000,
0.0000

■ 126.3740, 2.7736,
-2.9590

■ 126.3740, 2.7736,
-2.9590

■ 118.3780, 6.7156,
-7.3475

■ 134.3700, -1.1684,
1.4295

■ 109.7950, 10.9471,
-11.2212

■ 142.9530, -5.3998,
5.3032

■ 101.5000, 15.0365,
-16.2245

■ 151.2480, -9.4893,
10.3065

■ 93.5040, 18.9785,
-20.6130

■ 159.2440,
-13.4313, 14.6950

■ 84.9210, 23.2099,
-24.4867

■ 167.8270,
-17.6627, 18.5687

■ 76.9250, 27.1520,
-28.8752

■ 175.8230,
-21.6047, 22.9572

■ 68.9290, 31.0940,
-33.2637

■ 183.8190,
-25.5468, 27.3457

■ 60.0470, 35.4728,

■ 192.7010,

-37.7522

-29.9256, 31.8342

■ 52.0510, 39.4149,
-42.1407

■ 200.6970,
-33.8676, 36.2227

Harmonies

Analogous

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



126.2490, 2.3422, -4.6034



126.3740, 2.7736, -2.9590



126.6840, 2.6208, -0.5999

Triad

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



126.3740, 2.7736, -2.9590



127.3920, -1.1793, 4.9182



125.9350, -1.4470, -2.5740

Complementary

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



126.3740, 2.7736, -2.9590



128.6260, -2.7736, 2.9590

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.



126.3160, -2.6208, 0.5999



126.3740, 2.7736, -2.9590



126.7510, -2.3422, 4.6034

Square

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



126.3740, 2.7736, -2.9590



127.3210, -0.1583, 4.1035



126.6260, -2.7736, 2.9590



125.6790, 0.1583, -4.1035

Rectangle

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



126.3740, 2.7736, -2.9590



127.4670, 1.7418, 1.3444



126.6260, -2.7736, 2.9590



126.1200, -2.0312, -1.8592

Sweetspot

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



126.3740, 2.7736, -2.9590



168.6300, 1.1684, -1.4295



128.8530, -0.4205, -5.1331



85.8150, 0.5842, -0.7148



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



126.3740, 2.7736, -2.9590



162.1180, 4.3788, -4.4885



124.0260, 3.9312, -0.8998



62.4450, 1.7526, -2.1443



48.8660, 39.9991, -42.8555



0.9290, 1.0210, -0.8147

Inverse Universe

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



126.1470, 0.4205, 5.1331



161.8700, 0.5571, 8.0070



130.9740, -3.9312, 0.8998



62.1360, 0.4260, 3.3887



45.4820, 6.1714, 74.1223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 126.3740, 2.7736, -2.9590 looks on a white background.

Color Contrast Check

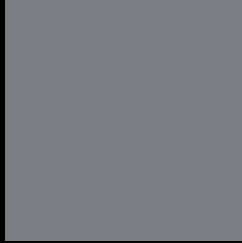
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3740, 2.7736, -2.9590 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

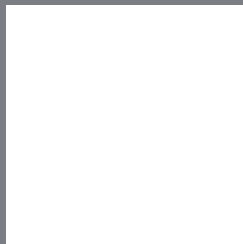
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.3740, 2.7736, -2.9590

Background



This preview shows how black text looks on a background with the YUV color 126.3740, 2.7736, -2.9590.



This preview shows how white text looks on a background with the YUV color 126.3740, 2.7736,

-2.9590.

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

126.3740, 2.7736, -2.9590

Protanopia

126.8690, 2.0366, 0.1149

Deuteranopia

128.0270, 2.4517, 6.9923



Tritanopia

126.5420, 4.6628, -2.2293

Trichromacy



Original Color

126.3740, 2.7736, -2.9590

Protanomaly

126.5700, 2.1840, -0.4999

Deuteranomaly

127.1190, 2.8993, 3.4036

Tritanomaly

126.4280, 4.2260, -2.1294

Monochromacy



Original Color

126.3740, 2.7736, -2.9590

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3740, 2.7736, -2.9590 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(123, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 127, 132)  
}
```

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(123, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 127, 132) }
```

Border

The CSS property to change the border of an element to YUV 126.3740, 2.7736, -2.9590 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(123, 127, 132) }
```


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

```
.border{ border-color:rgb(123, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 127,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 126.3740, 2.7736, -2.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 127, 132) }
```

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

```
.background{ background-color: rgb(123,  
127, 132) }
```

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