

Converting Colors

YUV(124.7780, -3.3416, -1.5593)

Have a look what the booklet for
YUV(124.7780, -3.3416, -1.5593)
contains.

YUV(124.7780, -3.3416, -1.5593)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(124.7780, -3.3416,
-1.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7F76
RGB	123, 127, 118
RGB Percent	48%, 50%, 46%
CMY	0.5176, 0.5020, 0.5373
CMYK	0.03, 0.00, 0.07, 0.50
HSL	87°, 4%, 48%
HSV	87°, 7%, 50%
XYZ	19.0278, 20.6977, 20.1317
YIQ	124.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

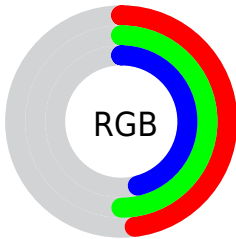
Format	Color
R_{YB}	118, 127, 122
Decimal	8093558
CIE Lab	52.62, -3.27, 4.37
CIE LCh	53, 5.454, 126.804
Yxy	20.6977, 0.3179, 0.3458
Android (android.graphics.Color)	4286283638 (0xFF7B7F76)
YUV	124.7780, -3.3416, -1.5593
Hunter-Lab	45.4947, -4.9597, 5.6101

Details

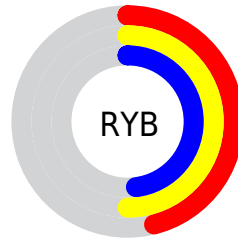
The YUV color $[124.7780, -3.3416, -1.5593]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[120.2220, 3.3416, 1.5593]$, and the grayscale version is $[125.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[177.3650, -3.6309, -2.0741]$, and $[75.8920, -2.9048, -1.6593]$ is the 20% darker color. If you saturate the color by 10%, you get $[121.5020, -8.1355, -3.9483]$, and if you desaturate by 10%, it is $[128.0540, 1.4524, 0.8296]$.

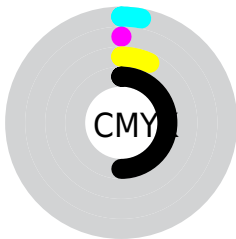
Distribution



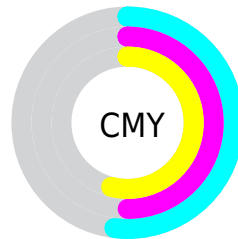
- Red (48%)
- Green (50%)
- Blue (46%)



- Red (46%)
- Yellow (50%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.7780, -3.3416, -1.5593 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 124.7780, -3.3416, -1.5593 by changing the saturation by 10% instead.

■ 124.7780, -3.3416,
-1.5593

■ 124.7780, -3.3416,
-1.5593

255.0000, 0.0000,
0.0000

■ 99.7780, -3.3416,
-1.5593

■ 177.3650, -3.6309,
-2.0741

■ 75.8920, -2.9048,
-1.6593

■ 204.6640, -3.7784,
-1.4593

■ 53.1910, -3.0522,
-1.0445

■ 232.6640, -3.7784,
-1.4593

■ 32.3050, -2.6154,
-1.1445

254.8860, -0.4368,
0.1000

■ 8.8380, -4.3571,
-2.4889

■ 0.0000, 0.0000,
0.0000

■ 124.7780, -3.3416,
-1.5593

■ 124.7780, -3.3416,
-1.5593

■ 121.5020, -8.1355,
-3.9483

■ 128.0540, 1.4524,
0.8296

■ 118.6390,
-12.6400, -5.8224

■ 130.9170, 5.9569,
2.7038

■ 115.3630,
-17.4340, -8.2114

■ 134.1930, 10.7509,
5.0927

■ 112.0870,
-22.2279, -10.6003

■ 137.4690, 15.5448,
7.4817

■ 109.2240,
-26.7324, -12.4744

■ 140.4460, 20.4861,
9.2559

■ 105.9480,
-31.5264, -14.8634

■ 143.6080, 24.8433,
11.7448

■ 102.6720,
-36.3203, -17.2523

■ 146.8840, 29.6372,
14.1337

■ 99.6950, -41.2616,

■ 149.8610, 34.5785,

-19.0265

15.9079

■ 96.5330, -45.6188,
-21.5154

■ 153.0230, 38.9357,
18.3968

Harmonies

Analogous

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



125.4580, -4.6628, 2.2293



124.7780, -3.3416, -1.5593



124.3260, -1.1467, -5.5479

Triad

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



124.7780, -3.3416, -1.5593



124.8080, 4.5317, -6.8476



126.5280, -0.7533, 8.3069

Complementary

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



124.7780, -3.3416, -1.5593



120.2220, 3.3416, 1.5593

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.



126.6740, 1.1467, 5.5479



124.7780, -3.3416, -1.5593



125.8300, 4.5208, -3.3589

Square

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



124.7780, -3.3416, -1.5593



124.1560, 3.3741, -8.9068



126.2220, 3.3416, 1.5593



126.5450, -3.2267, 8.2920

Rectangle

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



124.7780, -3.3416, -1.5593



124.0700, 0.4585, -7.0774



126.2220, 3.3416, 1.5593



126.9300, -0.4585, 7.0774

Sweetspot

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



124.7780, -3.3416, -1.5593



164.9460, -1.4524, -0.8296



123.0390, -2.4842, 3.4738



83.4730, -0.7262, -0.4148



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



124.7780, -3.3416, -1.5593



162.1970, -5.5201, -2.8038



123.5820, -2.7519, -4.0184



62.3050, -2.6154, -1.1445



96.3650, -47.5079, -22.2451



0.0000, 0.0000, 0.0000

Inverse Universe

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



120.2220, 3.3416, 1.5593



154.5040, 5.6675, 2.1890



121.4180, 2.7519, 4.0184



58.6950, 2.6154, 1.1445



31.6350, 47.5079, 22.2451



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 124.7780, -3.3416, -1.5593 looks on a white background.

Color Contrast Check

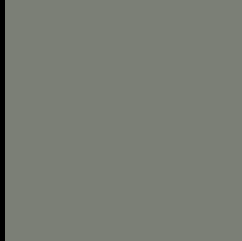
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7780, -3.3416, -1.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

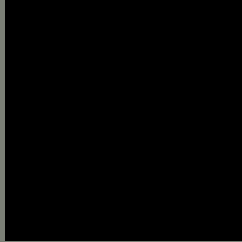
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.7780, -3.3416, -1.5593

Background



This preview shows how black text looks on a background with the YUV color 124.7780, -3.3416, -1.5593.



This preview shows how white text looks on a background with the YUV color 124.7780, -3.3416, -1.5593.

-1.5593.

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

124.7780, -3.3416, -1.5593

Protanopia

125.5830, -4.2314, 3.8737

Deuteranopia

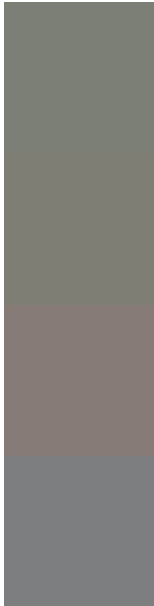
126.4530, -3.6743, 11.8807



Tritanopia

126.0260, 3.9312, -0.8998

Trichromacy



Original Color

124.7780, -3.3416, -1.5593

Protanomaly

125.2730, -4.0786, 1.5146

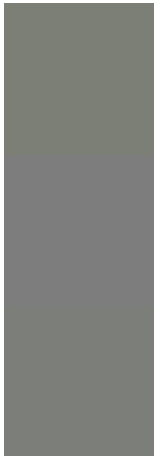
Deuteranomaly

125.8330, -3.3687, 7.1625

Tritanomaly

125.6300, 1.1684, -1.4295

Monochromacy



Original Color

124.7780, -3.3416, -1.5593

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.7780, -3.3416, -1.5593 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 127, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 127, 118) }
```

Border

The CSS property to change the border of an element to YUV 124.7780, -3.3416, -1.5593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

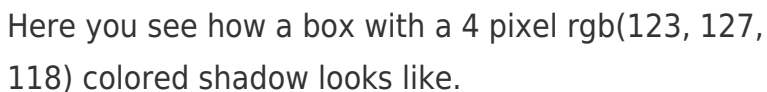
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 127, 118) }
```


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

```
.border{ border-color:rgb(123, 127, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 127, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 127, 118); box-shadow:4px 4px 4px 4px rgb(123, 127, 118) }
```

Background

The CSS property to change the background color of an element to YUV 124.7780, -3.3416, -1.5593 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, 118) }
```

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

```
.background{ background-color: rgb(123,  
127, 118) }
```

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