

Converting Colors

YUV(124.3510, 27.9280, 2.3232)

Have a look what the booklet for
YUV(124.3510, 27.9280, 2.3232)
contains.

YUV(124.3510, 27.9280, 2.3232)	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(124.3510, 27.9280,
2.3232)**

Conversions

Conversions Part 1

Format	Color
Hex	7F70B5
RGB	127, 112, 181
RGB Percent	50%, 44%, 71%
CMY	0.5020, 0.5608, 0.2902
CMYK	0.30, 0.38, 0.00, 0.29
HSL	253°, 32%, 57%
HSV	253°, 38%, 71%
XYZ	22.8871, 19.4366, 46.2614
YIQ	124.3510, -13.2090, 24.6390

Conversions

Conversions Part 2

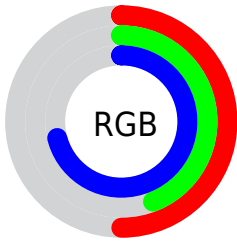
Format	Color
R_{YB}	127, 112, 181
Decimal	8351925
CIE _{Lab}	51.19, 21.44, -34.50
CIE _{LCh}	51, 40.620, 301.854
Yxy	19.4366, 0.2584, 0.2194
Android (android.graphics.Color)	4286542005 (0xFF7F70B5)
YUV	124.3510, 27.9280, 2.3232
Hunter-Lab	44.0869, 15.5135, -31.3535

Details

The YUV color **124.3510, 27.9280, 2.3232** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **168.6490, -27.9280, -2.3232**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4050, 29.3803, 3.1528**, and **74.5850, 26.3336, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **109.5990, 35.2007, 2.9827**, and if you desaturate by 10%, it is **139.1030, 20.6552, 1.6637**.

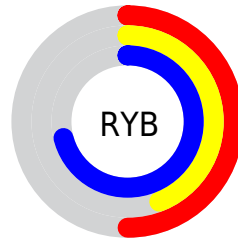
Distribution



Red (50%)

Green (44%)

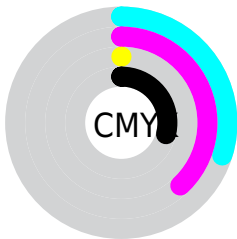
Blue (71%)



Red (50%)

Yellow (44%)

Blue (71%)

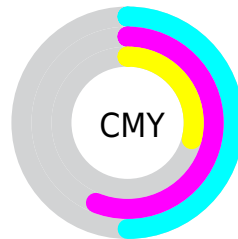


Cyan (30%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.3510, 27.9280, 2.3232 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 124.3510, 27.9280, 2.3232 by changing the saturation by 10% instead.

■ 124.3510, 27.9280,
2.3232

■ 124.3510, 27.9280,
2.3232

■ 255.0000, 0.0000,
0.0000

■ 98.8240, 27.2018,
1.9084

■ 177.4050, 29.3803,
3.1528

■ 74.5850, 26.3336,
0.3640

■ 203.6780, 25.3017,
4.6674

■ 51.2320, 25.0286,
-1.0805

■ 228.7850, 12.9240,
8.0816

■ 28.3950, 24.4553,
-3.8544

■ 250.3040, 2.3151,
4.1184

■ 7.4660, 23.4343,
-3.0397

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 124.3510, 27.9280,
2.3232

■ 124.3510, 27.9280,
2.3232

■ 109.5990, 35.2007,
2.9827

■ 139.1030, 20.6552,
1.6637

■ 94.8470, 42.4734,
3.6422

■ 153.8550, 13.3825,
1.0042

■ 80.0950, 49.7462,
4.3017

■ 168.6070, 6.1097,
0.3447

■ 65.0440, 57.1663,
4.3464

■ 183.6580, -1.3104,
0.2999

■ 49.7050, 64.7284,
5.5207

■ 198.9970, -8.8725,
-0.8744

■ 34.9530, 72.0012,
6.1802

■ 213.7490,
-16.1453, -1.5339

■ 32.2950, 73.3116,
5.8803

■ 228.5010,
-23.4180, -2.1934

■ 242.0790,
-30.1119, -1.8233

■ 246.2650,
-32.1756, 6.7836

Harmonies

Analogous

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



113.6870, 38.1153, -45.3295



124.3510, 27.9280, 2.3232



125.4170, 14.5844, 35.5913

Triad

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



124.3510, 27.9280, 2.3232



120.5820, -29.3739, 41.5856



95.6150, 13.5008, -83.8544

Complementary

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



124.3510, 27.9280, 2.3232



168.6490, -27.9280, -2.3232

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.



107.7930, -9.7579, -43.6685



124.3510, 27.9280, 2.3232



118.5870, -33.8134, 18.7792

Square

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



124.3510, 27.9280, 2.3232



122.1720, -17.3398, 55.1002



115.2460, -26.7433, -8.9857



99.6050, 28.7887, -87.3536

Rectangle

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



124.3510, 27.9280, 2.3232



123.8720, 4.5001, 50.1013



115.2460, -26.7433, -8.9857



94.2470, 8.2592, -82.6546

Sweetspot

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



124.3510, 27.9280, 2.3232



213.4590, 10.6197, 0.4745



151.5640, 14.5119, -34.6976



104.6070, 6.1097, 0.3447



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



124.3510, 27.9280, 2.3232



146.1890, 43.7838, 3.3422



134.5170, 22.9161, 23.2256



81.6240, 3.6364, 0.3298



27.3090, 61.9657, 4.9910



4.7580, 10.4723, 1.0892

Inverse Universe

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



138.7870, 13.4160, 37.0208



168.8680, 20.7711, 57.9978



158.4830, -22.9161, -23.2256



83.4890, 1.7309, 4.8331



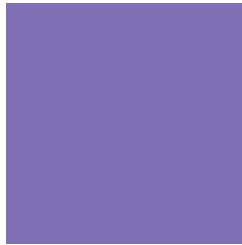
59.4270, 29.8625, 82.0635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 124.3510, 27.9280, 2.3232 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 124.3510, 27.9280, 2.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

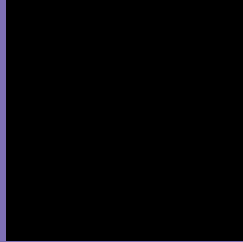
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.3510, 27.9280, 2.3232

Background



This preview shows how black text looks on a background with the YUV color 124.3510, 27.9280, 2.3232.

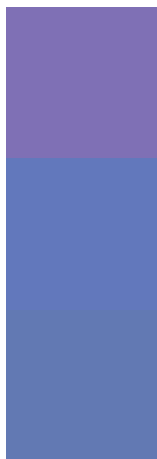


This preview shows how white text looks on a background with the YUV color 124.3510, 27.9280,

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

124.3510, 27.9280, 2.3232

Protanopia

121.1740, 32.9452, -20.3236

Deuteranopia

120.7350, 28.7246, -19.9386



Tritanopia

121.6450, 5.1050, -4.0737

Trichromacy



Original Color

124.3510, 27.9280, 2.3232

Protanomaly

122.3600, 30.8815, -11.7167

Deuteranomaly

122.3770, 28.4081, -11.7316

Tritanomaly

122.5450, 13.5353, -1.3550

Monochromacy



Original Color

124.3510, 27.9280, 2.3232

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3450, 10.1829, 0.5744

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.3510, 27.9280, 2.3232 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(127, 112, 181)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 181)  
}
```

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(127, 112, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 181) }
```

Border

The CSS property to change the border of an element to YUV 124.3510, 27.9280, 2.3232 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(127, 112, 181) }
```


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

```
.border{ border-color:rgb(127, 112, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 112, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 112, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 112, 181);  
box-shadow:4px 4px 4px 4px rgb(127, 112,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 124.3510, 27.9280, 2.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 181) }
```

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

```
.background{ background-color: rgb(127,  
112, 181) }
```

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