

Converting Colors

YUV(122.6950, 2.6154, 1.1445)

Have a look what the booklet for
YUV(122.6950, 2.6154, 1.1445)
contains.

YUV(122.6950, 2.6154, 1.1445)	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(122.6950, 2.6154,
1.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7980
RGB	124, 121, 128
RGB Percent	49%, 47%, 50%
CMY	0.5137, 0.5255, 0.4980
CMYK	0.03, 0.05, 0.00, 0.50
HSL	266°, 3%, 49%
HSV	266°, 5%, 50%
XYZ	19.0458, 19.5183, 23.1857
YIQ	122.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

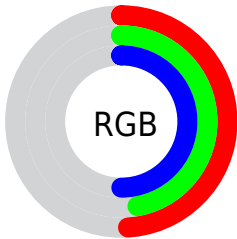
Format	Color
R_{YB}	124, 121, 128
Decimal	8157568
CIE Lab	51.29, 2.55, -3.42
CIE LCh	51, 4.265, 306.768
Yxy	19.5183, 0.3084, 0.3161
Android (android.graphics.Color)	4286347648 (0xFF7C7980)
YUV	122.6950, 2.6154, 1.1445
Hunter-Lab	44.1796, -0.3628, -0.1900

Details

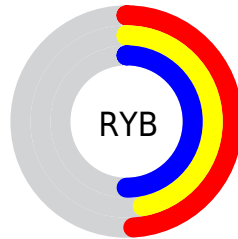
The YUV color **122.6950, 2.6154, 1.1445** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.3050, -2.6154, -1.1445**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8090, 3.0522, 1.0445**, and **74.2820, 2.3260, 0.6297** is the 20% darker color. If you saturate the color by 10%, you get **112.9710, 7.4093, 3.5334**, and if you desaturate by 10%, it is **132.4190, -2.1786, -1.2445**.

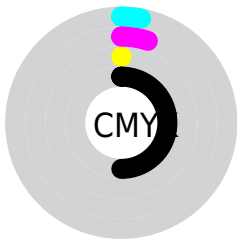
Distribution



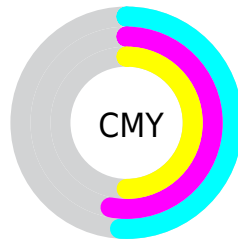
- Red (49%)
- Green (47%)
- Blue (50%)



- Red (49%)
- Yellow (47%)
- Blue (50%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (51%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6950, 2.6154, 1.1445 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 122.6950, 2.6154, 1.1445 by changing the saturation by 10% instead.

■ 122.6950, 2.6154,
1.1445

■ 122.6950, 2.6154,
1.1445

■ 255.0000, 0.0000,
0.0000

■ 97.6950, 2.6154,
1.1445

■ 174.8090, 3.0522,
1.0445

■ 74.2820, 2.3260,
0.6297

■ 202.6950, 2.6154,
1.1445

■ 51.5810, 2.1786,
1.2445

■ 230.8090, 3.0522,
1.0445

■ 30.2820, 2.3260,
0.6297

■ 5.3360, 3.7784,
1.4593

■ 0.0000, 0.0000,
0.0000

■ 122.6950, 2.6154,
1.1445

■ 122.6950, 2.6154,
1.1445

■ 112.9710, 7.4093,
3.5334

■ 132.4190, -2.1786,
-1.2445

■ 102.9480, 12.3506,
5.3076

■ 142.4420, -7.1199,
-3.0186

■ 93.8110, 16.8552,
7.1818

■ 151.5790,
-11.6244, -4.8928

■ 84.0870, 21.6491,
9.5707

■ 161.3030,
-16.4184, -7.2817

■ 74.0640, 26.5904,
11.3449

■ 171.3260,
-21.3597, -9.0559

■ 64.3400, 31.3844,
13.7338

■ 181.0500,
-26.1537, -11.4449

■ 54.6160, 36.1783,
16.1228

■ 190.7740,
-30.9476, -13.8338

■ 45.1800, 40.8303,

■ 200.2100,

17.3821

-35.5995, -15.0932

■ 35.4560, 45.6242,
19.7711

■ 209.9340,
-40.3935, -17.4821

Harmonies

Analogous

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



122.2000, 3.3524, -1.9294



122.6950, 2.6154, 1.1445



122.9620, 1.0047, 4.4183

Triad

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



122.6950, 2.6154, 1.1445



122.5230, -3.2158, 4.8033



120.8960, 1.0373, -6.0478

Complementary

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



122.6950, 2.6154, 1.1445



126.3050, -2.6154, -1.1445

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.



121.0380, -1.0047, -4.4183



122.6950, 2.6154, 1.1445



121.8000, -3.3524, 1.9294

Square

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



122.6950, 2.6154, 1.1445



122.7620, -2.3477, 6.3477



121.3050, -2.6154, -1.1445



121.2380, 2.3477, -6.3477

Rectangle

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



122.6950, 2.6154, 1.1445



123.3320, -0.1637, 5.8478



121.3050, -2.6154, -1.1445



120.7820, 0.6005, -5.9478

Sweetspot

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



122.6950, 2.6154, 1.1445



163.0540, 1.4524, 0.8296



124.1460, 1.9000, -2.7590



82.5270, 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.



122.6950, 2.6154, 1.1445



156.8630, 4.5045, 1.8741



123.5920, 2.1731, 2.9888



60.1680, 1.8892, 0.7297



31.0370, 47.8028, 21.0156



0.0000, 0.0000, 0.0000

Inverse Universe

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



123.5490, 0.7153, 3.9035



158.3860, 1.2887, 6.6775



125.4080, -2.1731, -2.9888



60.8370, 0.5734, 2.7740



46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 122.6950, 2.6154, 1.1445 looks on a white background.

Color Contrast Check

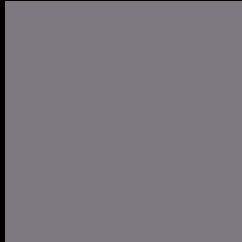
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6950, 2.6154, 1.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

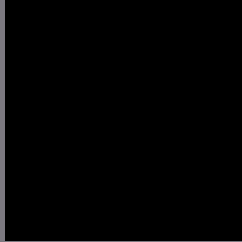
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.6950, 2.6154, 1.1445

Background



This preview shows how black text looks on a background with the YUV color 122.6950, 2.6154, 1.1445.



This preview shows how white text looks on a background with the YUV color 122.6950, 2.6154,

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

122.6950, 2.6154, 1.1445

Protanopia

122.3960, 2.7628, 0.5297

Deuteranopia

123.6140, 2.1623, 6.4775



Tritanopia

122.9230, 3.4890, 0.9445

Trichromacy



Original Color

122.6950, 2.6154, 1.1445

Protanomaly

122.3960, 2.7628, 0.5297

Deuteranomaly

123.3040, 2.3151, 4.1184

Tritanomaly

122.8090, 3.0522, 1.0445

Monochromacy



Original Color

122.6950, 2.6154, 1.1445

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6410, 1.1630, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6950, 2.6154, 1.1445 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(124, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 128)  
}
```

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(124, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 128) }
```

Border

The CSS property to change the border of an element to YUV 122.6950, 2.6154, 1.1445 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(124, 121, 128) }
```


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

```
.border{ border-color:rgb(124, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 122.6950, 2.6154, 1.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 128) }
```

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

```
.background{ background-color: rgb(124,  
121, 128) }
```

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