

Converting Colors

YUV(120.4990, 3.2050, -1.3146)

Have a look what the booklet for
YUV(120.4990, 3.2050, -1.3146)
contains.

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Color

**YUV(120.4990, 3.2050,
-1.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	77787F
RGB	119, 120, 127
RGB Percent	47%, 47%, 50%
CMY	0.5333, 0.5294, 0.5020
CMYK	0.06, 0.06, 0.00, 0.50
HSL	233°, 3%, 48%
HSV	233°, 6%, 50%
XYZ	18.1550, 18.8872, 22.7674
YIQ	120.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

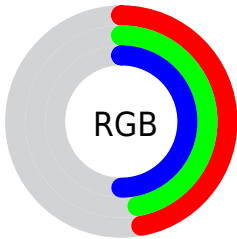
Format	Color
R_{YB}	119, 120, 127
Decimal	7829631
CIE Lab	50.55, 1.08, -3.96
CIE LCh	51, 4.103, 285.245
Yxy	18.8872, 0.3035, 0.3158
Android (android.graphics.Color)	4286019711 (0xFF77787F)
YUV	120.4990, 3.2050, -1.3146
Hunter-Lab	43.4594, -1.4863, -0.6391

Details

The YUV color $120.4990, 3.2050, -1.3146$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $125.5010, -3.2050, 1.3146$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.6130, 3.6418, -1.4146$, and $72.3850, 2.7682, -1.2146$ is the 20% darker color. If you saturate the color by 10%, you get $110.1550, 8.3046, -3.6439$, and if you desaturate by 10%, it is $130.8430, -1.8946, 1.0147$.

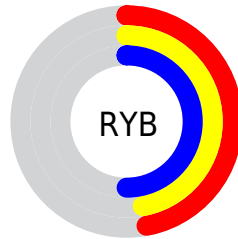
Distribution



Red (47%)

Green (47%)

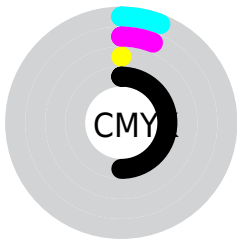
Blue (50%)



Red (47%)

Yellow (47%)

Blue (50%)

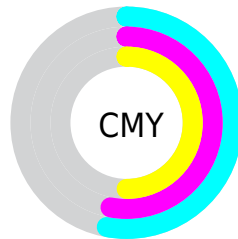


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4990, 3.2050, -1.3146 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 120.4990, 3.2050, -1.3146 by changing the saturation by 10% instead.

■ 120.4990, 3.2050,
-1.3146

■ 120.4990, 3.2050,
-1.3146

255.0000, 0.0000,
0.0000

■ 95.4990, 3.2050,
-1.3146

■ 172.6130, 3.6418,
-1.4146

■ 72.3850, 2.7682,
-1.2146

■ 200.2000, 3.3524,
-1.9294

■ 49.3850, 2.7682,
-1.2146

■ 228.2000, 3.3524,
-1.9294

■ 28.3850, 2.7682,
-1.2146

■ 2.5420, 4.6628,
-2.2293

■ 0.0000, 0.0000,
0.0000

■ 120.4990, 3.2050,
-1.3146

■ 120.4990, 3.2050,
-1.3146

■ 110.1550, 8.3046,
-3.6439

■ 130.8430, -1.8946,
1.0147

■ 100.1100, 13.2568,
-5.3585

■ 140.8880, -6.8468,
2.7292

■ 89.7660, 18.3564,
-7.6878

■ 151.2320,
-11.9464, 5.0585

■ 79.4220, 23.4560,
-10.0171

■ 161.5760,
-17.0460, 7.3878

■ 68.7900, 28.6975,
-11.2168

■ 172.2080,
-22.2875, 8.5876

■ 58.4460, 33.7971,
-13.5461

■ 182.5520,
-27.3871, 10.9169

■ 48.1020, 38.8967,
-15.8755

■ 192.8960,
-32.4867, 13.2462

■ 37.7580, 43.9963,

■ 203.2400,

-18.2048

-37.5863, 15.5755

■ 27.7130, 48.9485,
-19.9193

■ 213.2850,
-42.5385, 17.2901

Harmonies

Analogous

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



119.8900, 3.5052, -4.2885



120.4990, 3.2050, -1.3146



120.8800, 2.0312, 1.8592

Triad

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



120.4990, 3.2050, -1.3146



121.2350, -3.0739, 5.9329



119.1520, -0.5679, -4.5183

Complementary

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



120.4990, 3.2050, -1.3146



125.5010, -3.2050, 1.3146

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.



119.7070, -2.3206, -2.3740



120.4990, 3.2050, -1.3146



120.2240, -3.0684, 4.1886

Square

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



120.4990, 3.2050, -1.3146



121.1040, -1.0373, 6.0478



120.2020, -3.0576, 0.6998



119.0100, 1.4741, -6.1478

Rectangle

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



120.4990, 3.2050, -1.3146



120.9620, 1.0047, 4.4183



120.2020, -3.0576, 0.6998



119.3370, -1.1521, -3.8035

Sweetspot

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



120.4990, 3.2050, -1.3146



163.0430, 1.4578, -0.9147



124.4940, 0.7425, -4.8182



82.8150, 0.5842, -0.7148



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.



120.4990, 3.2050, -1.3146



154.7700, 5.5364, -2.4293



120.8090, 3.0522, 1.0445



58.3850, 2.7682, -1.2146



23.9840, 51.2799, -21.0340



0.0000, 0.0000, 0.0000

Inverse Universe

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



121.5060, -0.7425, 4.8182



156.4140, -1.1901, 8.4069



125.1910, -3.0522, -1.0445



59.2070, -0.5951, 4.2035



40.0960, -11.8793, 77.0918



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.4990, 3.2050, -1.3146 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 120.4990, 3.2050, -1.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

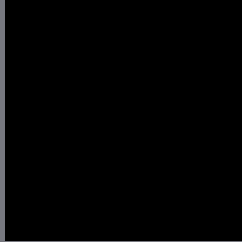
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4990, 3.2050, -1.3146

Background



This preview shows how black text looks on a background with the YUV color 120.4990, 3.2050, -1.3146.



This preview shows how white text looks on a background with the YUV color 120.4990, 3.2050,

-1.3146.

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

120.4990, 3.2050, -1.3146

Protanopia

121.0970, 2.9102, -0.0851

Deuteranopia

121.8420, 3.0359, 6.2776



Tritanopia

120.7270, 4.0786, -1.5146

Trichromacy



Original Color

120.4990, 3.2050, -1.3146

Protanomaly

120.7980, 3.0576, -0.6998

Deuteranomaly

121.2330, 3.3361, 3.3037

Tritanomaly

120.6130, 3.6418, -1.4146

Monochromacy



Original Color

120.4990, 3.2050, -1.3146

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3420, 1.3104, -0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4990, 3.2050, -1.3146 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(119, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 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(119, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 127) }
```

Border

The CSS property to change the border of an element to YUV 120.4990, 3.2050, -1.3146 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(119, 120, 127) }
```


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

```
.border{ border-color:rgb(119, 120, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 120, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 120.4990, 3.2050, -1.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 127) }
```

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

```
.background{ background-color: rgb(119,  
120, 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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