

Converting Colors

YUV(120.4080, -2.1731, -2.9888)

Have a look what the booklet for
YUV(120.4080, -2.1731, -2.9888)
contains.

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Color

**YUV(120.4080, -2.1731,
-2.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	757B74
RGB	117, 123, 116
RGB Percent	46%, 48%, 45%
CMY	0.5412, 0.5176, 0.5451
CMYK	0.05, 0.00, 0.06, 0.52
HSL	111°, 3%, 47%
HSV	111°, 6%, 48%
XYZ	17.5715, 19.2088, 19.3045
YIQ	120.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

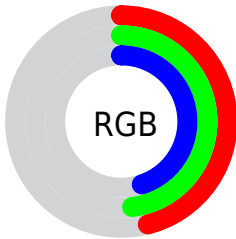
Format	Color
R_{YB}	116, 123, 122
Decimal	7699316
CIE _{Lab}	50.93, -3.66, 3.04
CIE _{LCh}	51, 4.758, 140.265
Yxy	19.2088, 0.3133, 0.3425
Android (android.graphics.Color)	4285889396 (0xFF757B74)
YUV	120.4080, -2.1731, -2.9888
Hunter-Lab	43.8278, -5.1344, 4.5644

Details

The YUV color $[120.4080, -2.1731, -2.9888]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[118.5920, 2.1731, 2.9888]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.4080, -2.1731, -2.9888]$, and $[71.8210, -1.8838, -2.4740]$ is the 20% darker color. If you saturate the color by 10%, you get $[115.7510, -5.7932, -8.5516]$, and if you desaturate by 10%, it is $[125.0650, 1.4470, 2.5740]$.

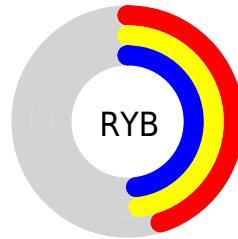
Distribution



Red (46%)

Green (48%)

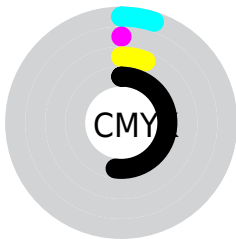
Blue (45%)



Red (45%)

Yellow (48%)

Blue (48%)

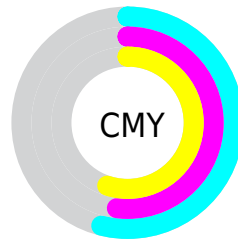


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (52%)



Cyan (54%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4080, -2.1731, -2.9888 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 120.4080, -2.1731, -2.9888 by changing the saturation by 10% instead.

■ 120.4080, -2.1731,
-2.9888

■ 120.4080, -2.1731,
-2.9888

255.0000, 0.0000,
0.0000

■ 95.4080, -2.1731,
-2.9888

■ 172.4080, -2.1731,
-2.9888

■ 71.8210, -1.8838,
-2.4740

■ 199.9950, -2.4625,
-3.5036

■ 49.8210, -1.8838,
-2.4740

■ 227.9950, -2.4625,
-3.5036

■ 28.8210, -1.8838,
-2.4740

■ 254.0600, -1.0156,
-0.9296

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 120.4080, -2.1731,
-2.9888

■ 120.4080, -2.1731,
-2.9888

■ 115.7510, -5.7932,
-8.5516

■ 125.0650, 1.4470,
2.5740

■ 111.2790, -9.9975,
-13.3997

■ 129.5370, 5.6513,
7.4221

■ 106.6220,
-13.6176, -18.9625

■ 134.1940, 9.2714,
12.9849

■ 102.2640,
-17.3852, -23.9105

■ 138.5520, 13.0389,
17.9329

■ 97.4930, -21.4420,
-29.3734

■ 143.3230, 17.0958,
23.3957

■ 93.1350, -25.2096,
-34.3214

■ 147.6810, 20.8633,
28.3438

■ 88.4780, -28.8297,
-39.8842


■ 152.3380, 24.4834,
33.9066


■ 84.1200, -32.5972,

■ 156.6960, 28.2509,

-44.8322

38.8546

 79.3490, -36.6541,
-50.2951

 161.4670, 32.3078,
44.3174

Harmonies

Analogous

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



121.0880, -3.4944, 0.7998



120.4080, -2.1731, -2.9888



120.2550, -0.1257, -6.3626

Triad

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



120.4080, -2.1731, -2.9888



121.0040, 3.9420, -4.3885



122.2890, -1.6215, 6.7625

Complementary

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



120.4080, -2.1731, -2.9888



118.5920, 2.1731, 2.9888

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.



122.4460, 0.2731, 5.7479



120.4080, -2.1731, -2.9888



121.9120, 3.4944, -0.7998

Square

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



120.4080, -2.1731, -2.9888



120.1670, 3.3687, -7.1625



121.5920, 2.1731, 2.9888



121.5340, -3.2213, 6.5477

Rectangle

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



120.4080, -2.1731, -2.9888



120.2980, 1.3321, -7.2773



121.5920, 2.1731, 2.9888



122.4030, -1.1847, 6.6626

Sweetspot

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



120.4080, -2.1731, -2.9888



159.6470, -1.3050, -1.4444



121.6150, -2.7682, 1.2146



81.1740, -0.5788, -1.0296



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



120.4080, -2.1731, -2.9888



156.6420, -3.7675, -4.9480



120.3370, -1.1521, -3.8035



59.2340, -1.5944, -1.9592



78.7570, -38.8272, -53.2839



158.6880, -78.2332, -107.5974

Inverse Universe

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



118.5920, 2.1731, 2.9888



153.3580, 3.7675, 4.9480



118.6630, 1.1521, 3.8035



58.0650, 1.4470, 2.5740



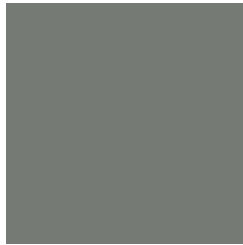
46.2430, 38.8272, 53.2839



93.3120, 78.2332, 107.5974

Previews

White Background



This preview shows how the YUV color 120.4080, -2.1731, -2.9888 looks on a white background.

Color Contrast Check

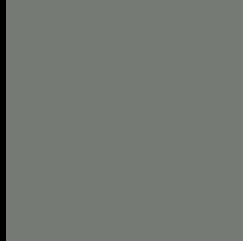
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4080, -2.1731, -2.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

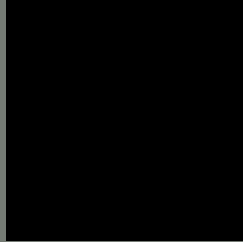
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4080, -2.1731, -2.9888

Background



This preview shows how black text looks on a background with the YUV color 120.4080, -2.1731, -2.9888.



This preview shows how white text looks on a background with the YUV color 120.4080, -2.1731, -2.9888.

-2.9888.

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

120.4080, -2.1731, -2.9888

Protanopia

121.5120, -3.2104, 3.0590

Deuteranopia

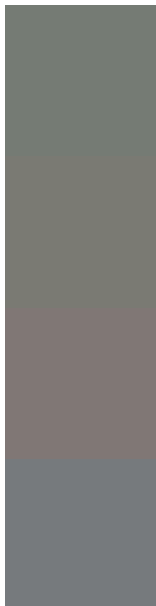
122.0830, -2.5059, 10.4512



Tritanopia

121.4280, 4.2260, -2.1294

Trichromacy



Original Color

120.4080, -2.1731, -2.9888

Protanomaly

121.2020, -3.0576, 0.6998

Deuteranomaly

121.4630, -2.2003, 5.7329

Tritanomaly

121.1460, 1.9000, -2.7590

Monochromacy



Original Color

120.4080, -2.1731, -2.9888

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4080, -2.1731, -2.9888 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(117, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(117, 123, 116)  
}
```

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(117, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 123, 116) }
```

Border

The CSS property to change the border of an element to YUV 120.4080, -2.1731, -2.9888 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(117, 123, 116) }
```


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

```
.border{ border-color:rgb(117, 123, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(117, 123,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 120.4080, -2.1731, -2.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 123, 116) }
```

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

```
.background{ background-color: rgb(117,  
123, 116) }
```

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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