

Converting Colors

YUV(120.0170, -2.4734, -0.0149)

Have a look what the booklet for
YUV(120.0170, -2.4734, -0.0149)
contains.

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Color

**YUV(120.0170, -2.4734,
-0.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	787973
RGB	120, 121, 115
RGB Percent	47%, 47%, 45%
CMY	0.5294, 0.5255, 0.5490
CMYK	0.01, 0.00, 0.05, 0.53
HSL	70°, 3%, 46%
HSV	70°, 5%, 47%
XYZ	17.6776, 18.9056, 18.9371
YIQ	120.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

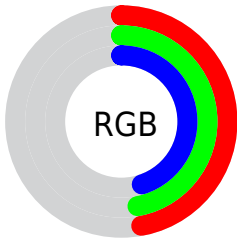
Format	Color
R_{YB}	115, 121, 116
Decimal	7895411
CIE Lab	50.58, -1.56, 3.15
CIE LCh	51, 3.514, 116.368
Yxy	18.9056, 0.3184, 0.3405
Android (android.graphics.Color)	4286085491 (0xFF787973)
YUV	120.0170, -2.4734, -0.0149
Hunter-Lab	43.4806, -3.5195, 4.6139

Details

The YUV color $[120.0170, -2.4734, -0.0149]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[115.9830, 2.4734, 0.0149]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.0170, -2.4734, -0.0149]$, and $[72.0170, -2.4734, -0.0149]$ is the 20% darker color. If you saturate the color by 10%, you get $[118.0510, -7.4201, -0.0447]$, and if you desaturate by 10%, it is $[121.9830, 2.4734, 0.0149]$.

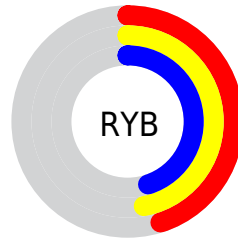
Distribution



Red (47%)

Green (47%)

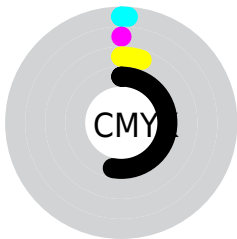
Blue (45%)



Red (45%)

Yellow (47%)

Blue (45%)

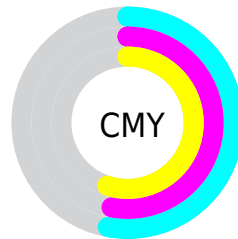


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0170, -2.4734, -0.0149 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 120.0170, -2.4734, -0.0149 by changing the saturation by 10% instead.

■ 120.0170, -2.4734,
-0.0149

■ 120.0170, -2.4734,
-0.0149

■ 255.0000, 0.0000,
0.0000

■ 95.0170, -2.4734,
-0.0149

■ 172.0170, -2.4734,
-0.0149

■ 72.0170, -2.4734,
-0.0149

■ 199.9030, -2.9102,
0.0851

■ 49.1310, -2.0366,
-0.1149

■ 227.9030, -2.9102,
0.0851

■ 28.1310, -2.0366,
-0.1149

■ 254.4300, -2.1840,
0.4999

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 120.0170, -2.4734,
-0.0149

■ 120.0170, -2.4734,
-0.0149

■ 118.0510, -7.4201,
-0.0447

■ 121.9830, 2.4734,
0.0149

■ 116.0850,
-12.3669, -0.0745

■ 123.9490, 7.4201,
0.0447

■ 114.1190,
-17.3137, -0.1044

■ 125.9150, 12.3669,
0.0745

■ 112.1530,
-22.2604, -0.1342

■ 127.8810, 17.3137,
0.1044

■ 110.1870,
-27.2072, -0.1640

■ 129.9610, 22.6972,
0.0342

■ 108.1070,
-32.5908, -0.0938

■ 131.9270, 27.6440,
0.0640

■ 106.1410,
-37.5375, -0.1237

■ 133.8930, 32.5908,
0.0938

■ 104.1750,

■ 135.8590, 37.5375,

-42.4843, -0.1535

0.1237

■ 102.2090,
-47.4310, -0.1833

■ 137.8250, 42.4843,
0.1535

Harmonies

Analogous

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



120.2130, -3.0630, 2.4442



120.0170, -2.4734, -0.0149



119.9350, -1.4470, -2.5740

Triad

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



120.0170, -2.4734, -0.0149



119.9500, 2.4897, -5.2181



120.7340, 0.1311, 4.6183

Complementary

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



120.0170, -2.4734, -0.0149



115.9830, 2.4734, 0.0149

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.



121.0650, 1.4470, 2.5740



120.0170, -2.4734, -0.0149



120.3740, 2.7736, -2.9590

Square

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



120.0170, -2.4734, -0.0149



119.4230, 1.7635, -5.6330



120.9830, 2.4734, 0.0149



121.2780, -1.6161, 5.0182

Rectangle

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



120.0170, -2.4734, -0.0149



119.5650, -0.2785, -4.0035



120.9830, 2.4734, 0.0149



121.4350, 0.2785, 4.0035

Sweetspot

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



120.0170, -2.4734, -0.0149



157.8860, -0.4368, 0.1000



117.3810, -1.1738, 3.1739



78.8860, -0.4368, 0.1000



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



120.0170, -2.4734, -0.0149



156.6750, -3.7838, 0.2850



119.1200, -2.0312, -1.8592



60.2450, -1.5998, -0.2149



104.4710, -51.5042, -0.4131



210.7140, -103.8820, -0.6262

Inverse Universe

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



115.9830, 2.4734, 0.0149



150.3250, 3.7838, -0.2850



116.8800, 2.0312, 1.8592



57.7550, 1.5998, 0.2149



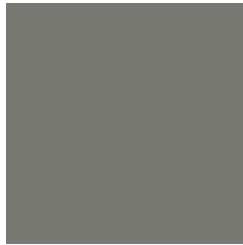
20.5290, 51.5042, 0.4131



41.2860, 103.8820, 0.6262

Previews

White Background



This preview shows how the YUV color 120.0170, -2.4734, -0.0149 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 120.0170, -2.4734, -0.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

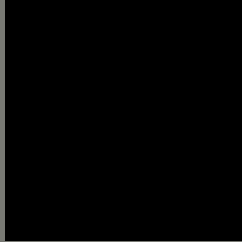
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.0170, -2.4734, -0.0149

Background



This preview shows how black text looks on a background with the YUV color 120.0170, -2.4734, -0.0149.



This preview shows how white text looks on a background with the YUV color 120.0170, -2.4734, -0.0149.

-0.0149.

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

120.0170, -2.4734, -0.0149

Protanopia

120.5120, -3.2104, 3.0590

Deuteranopia

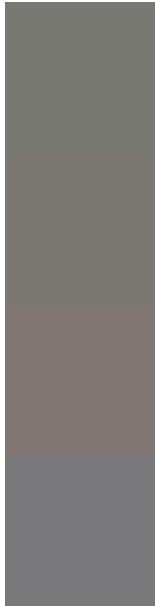
121.3820, -2.6533, 11.0660



Tritanopia

120.9230, 3.4890, 0.9445

Trichromacy



Original Color

120.0170, -2.4734, -0.0149

Protanomaly

120.2130, -3.0630, 2.4442

Deuteranomaly

121.0610, -2.4951, 6.9625

Tritanomaly

120.6410, 1.1630, 0.3148

Monochromacy



Original Color

120.0170, -2.4734, -0.0149

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0170, -2.4734, -0.0149 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(120, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(120, 121, 115)  
}
```

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(120, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 121, 115) }
```

Border

The CSS property to change the border of an element to YUV 120.0170, -2.4734, -0.0149 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(120, 121, 115) }
```


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

```
.border{ border-color:rgb(120, 121, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 121, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 121, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 121, 115);  
box-shadow:4px 4px 4px 4px rgb(120, 121,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 120.0170, -2.4734, -0.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 121, 115) }
```

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

```
.background{ background-color: rgb(120,  
121, 115) }
```

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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