

Converting Colors

YUV(120.8430, -1.8946, 1.0147)

Have a look what the booklet for
YUV(120.8430, -1.8946, 1.0147)
contains.

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Color

**YUV(120.8430, -1.8946,
1.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7975
RGB	122, 121, 117
RGB Percent	48%, 47%, 46%
CMY	0.5216, 0.5255, 0.5412
CMYK	0.00, 0.01, 0.04, 0.52
HSL	48°, 2%, 47%
HSV	48°, 4%, 48%
XYZ	18.0743, 19.0967, 19.5630
YIQ	120.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

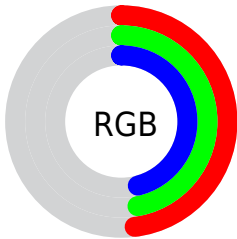
Format	Color
R_{YB}	118, 122, 117
Decimal	8026485
CIE Lab	50.80, -0.41, 2.32
CIE LCh	51, 2.352, 99.918
Yxy	19.0967, 0.3186, 0.3366
Android (android.graphics.Color)	4286216565 (0xFF7A7975)
YUV	120.8430, -1.8946, 1.0147
Hunter-Lab	43.6997, -2.6466, 4.0475

Details

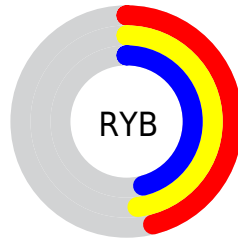
The YUV color $120.8430, -1.8946, 1.0147$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $118.1570, 1.8946, -1.0147$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.8430, -1.8946, 1.0147$, and $72.5440, -1.7472, 0.3999$ is the 20% darker color. If you saturate the color by 10%, you get $118.3010, -6.5574, 3.2440$, and if you desaturate by 10%, it is $123.3850, 2.7682, -1.2146$.

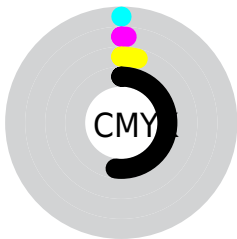
Distribution



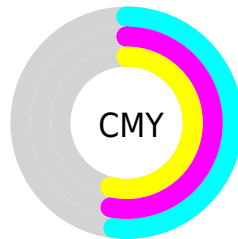
- Red (48%)
- Green (47%)
- Blue (46%)



- Red (46%)
- Yellow (48%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8430, -1.8946, 1.0147 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 120.8430, -1.8946, 1.0147 by changing the saturation by 10% instead.

■ 120.8430, -1.8946,
1.0147

■ 120.8430, -1.8946,
1.0147

255.0000, 0.0000,
0.0000

■ 95.8430, -1.8946,
1.0147

■ 172.8430, -1.8946,
1.0147

■ 72.5440, -1.7472,
0.3999

■ 200.7290, -2.3314,
1.1147

■ 49.9570, -1.4578,
0.9147

■ 228.7290, -2.3314,
1.1147

■ 28.9570, -1.4578,
0.9147

254.7720, -0.8736,
0.2000

■ 2.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 120.8430, -1.8946,
1.0147

■ 120.8430, -1.8946,
1.0147

■ 118.3010, -6.5574,
3.2440

■ 123.3850, 2.7682,
-1.2146

■ 115.1720,
-10.9308, 5.9882

■ 126.5140, 7.1416,
-3.9588

■ 112.5160,
-16.0304, 8.3175

■ 129.1700, 12.2412,
-6.2881

■ 109.3870,
-20.4038, 11.0616

■ 132.2990, 16.6146,
-9.0322

■ 106.8450,
-25.0666, 13.2909

■ 134.8410, 21.2774,
-11.2616

■ 103.7160,
-29.4400, 16.0351

■ 137.9700, 25.6508,
-14.0057

■ 101.1740,
-34.1028, 18.2644

■ 140.5120, 30.3136,
-16.2350

■ 97.9310, -38.9130,

■ 143.7550, 35.1238,

21.1085

-19.0791

■ 95.3890, -43.5758,
23.3378

■ 146.2970, 39.7866,
-21.3085

Harmonies

Analogous

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



120.8540, -1.9000, 2.7590



120.8430, -1.8946, 1.0147



120.9460, -1.4524, -0.8296

Triad

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



120.8430, -1.8946, 1.0147



120.3200, 1.3212, -3.7886



121.4240, 0.2840, 2.2592

Complementary

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



120.8430, -1.8946, 1.0147



118.1570, 1.8946, -1.0147

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.



121.0540, 1.4524, 0.8296



120.8430, -1.8946, 1.0147



121.1460, 1.9000, -2.7590

Square

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



120.8430, -1.8946, 1.0147



120.2060, 0.8844, -3.6887



121.1570, 1.8946, -1.0147



121.4950, -0.7370, 3.0739

Rectangle

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



120.8430, -1.8946, 1.0147



120.4620, -0.7208, -2.1592



121.1570, 1.8946, -1.0147



121.5380, 0.7208, 2.1592

Sweetspot

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



120.8430, -1.8946, 1.0147



157.8860, -0.4368, 0.1000



118.6090, -0.3002, 2.9739



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.



120.8430, -1.8946, 1.0147



156.5010, -3.2050, 1.3146



121.1310, -2.0366, -0.1149



60.0710, -1.0210, 0.8147



96.0750, -47.3650, 25.3672



193.9220, -95.6035, 50.9344

Inverse Universe

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



118.1570, 1.8946, -1.0147



152.0860, 2.9156, -1.8294



117.8690, 2.0366, 0.1149



58.3420, 1.3104, -0.2999



28.9250, 47.3650, -25.3672



58.0780, 95.6035, -50.9344

Previews

White Background



This preview shows how the YUV color 120.8430, -1.8946, 1.0147 looks on a white background.

Color Contrast Check

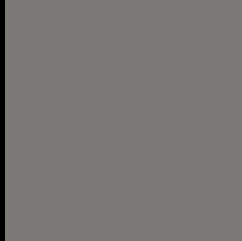
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8430, -1.8946, 1.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

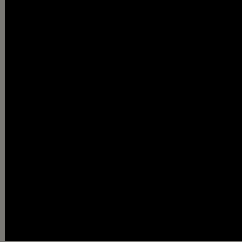
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8430, -1.8946, 1.0147

Background



This preview shows how black text looks on a background with the YUV color 120.8430, -1.8946, 1.0147.



This preview shows how white text looks on a background with the YUV color 120.8430, -1.8946,

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

120.8430, -1.8946, 1.0147

Protanopia

120.8540, -1.9000, 2.7590

Deuteranopia

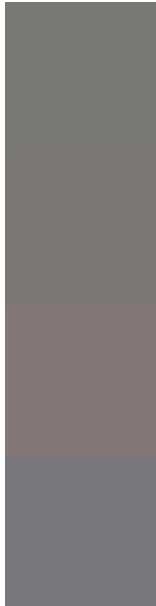
122.1970, -2.0691, 10.3512



Tritanopia

121.6350, 3.6309, 2.0741

Trichromacy



Original Color

120.8430, -1.8946, 1.0147

Protanomaly

120.5550, -1.7526, 2.1443

Deuteranomaly

121.5880, -1.7689, 7.3773

Tritanomaly

121.4670, 1.7418, 1.3444

Monochromacy



Original Color

120.8430, -1.8946, 1.0147

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8430, -1.8946, 1.0147 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(122, 121, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 117)  
}
```

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(122, 121, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 117) }
```

Border

The CSS property to change the border of an element to YUV 120.8430, -1.8946, 1.0147 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(122, 121, 117) }
```


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

```
.border{ border-color:rgb(122, 121, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 120.8430, -1.8946, 1.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 117) }
```

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

```
.background{ background-color: rgb(122,  
121, 117) }
```

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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