

Converting Colors

YUV(120.4030, -1.1847, 6.6626)

Have a look what the booklet for
YUV(120.4030, -1.1847, 6.6626)
contains.

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Color

**YUV(120.4030, -1.1847,
6.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	807576
RGB	128, 117, 118
RGB Percent	50%, 46%, 46%
CMY	0.4980, 0.5412, 0.5373
CMYK	0.00, 0.09, 0.08, 0.50
HSL	355°, 4%, 48%
HSV	355°, 9%, 50%
XYZ	18.5334, 18.6198, 19.7567
YIQ	120.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

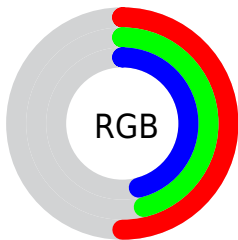
Format	Color
R _Y B	128, 117, 118
Decimal	8418678
CIE Lab	50.24, 4.43, 0.98
CIE LCh	50, 4.533, 12.476
Yxy	18.6198, 0.3257, 0.3272
Android (android.graphics.Color)	4286608758 (0xFF807576)
YUV	120.4030, -1.1847, 6.6626
Hunter-Lab	43.1506, 1.1529, 3.0593

Details

The YUV color $120.4030, -1.1847, 6.6626$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $124.5970, 1.1847, -6.6626$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.7020, -1.3321, 7.2773$, and $72.1040, -1.0373, 6.0478$ is the 20% darker color. If you saturate the color by 10%, you get $111.4040, -2.6642, 14.5547$, and if you desaturate by 10%, it is $129.4020, 0.2948, -1.2296$.

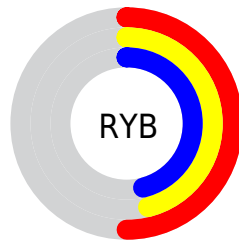
Distribution



Red (50%)

Green (46%)

Blue (46%)



Red (50%)

Yellow (46%)

Blue (46%)

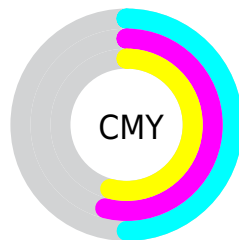


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4030, -1.1847, 6.6626 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 120.4030, -1.1847, 6.6626 by changing the saturation by 10% instead.

■ 120.4030, -1.1847,
6.6626

■ 120.4030, -1.1847,
6.6626

255.0000, 0.0000,
0.0000

■ 95.4030, -1.1847,
6.6626

■ 172.7020, -1.3321,
7.2773

■ 72.1040, -1.0373,
6.0478

■ 199.7020, -1.3321,
7.2773

■ 49.8050, -0.8899,
5.4330

■ 228.0010, -1.4795,
7.8921

■ 28.5060, -0.7425,
4.8182

253.7120, 0.1420,
1.1296

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 120.4030, -1.1847,
6.6626

■ 120.4030, -1.1847,
6.6626

■ 111.4040, -2.6642,
14.5547

■ 129.4020, 0.2948,
-1.2296

■ 102.5190, -3.7069,
22.3468

■ 138.2870, 1.3375,
-9.0217

■ 94.1070, -5.4758,
29.7242

■ 146.6990, 3.1064,
-16.3990

■ 85.1080, -6.9552,
37.6163

■ 155.6980, 4.5859,
-24.2911

■ 76.2230, -7.9979,
45.4084

■ 164.5830, 5.6286,
-32.0833

■ 67.2240, -9.4774,
53.3006

■ 173.5820, 7.1081,
-39.9754

■ 58.3390, -10.5201,
61.0927


■ 182.4670, 8.1508,
-47.7676

■ 49.9270, -12.2890,

■ 190.8790, 9.9197,

68.4700

-55.1449

 40.9280, -13.7685,
76.3621

 199.8780, 11.3991,
-63.0370

Harmonies

Analogous

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



120.2610, 0.8573, 5.0331



120.4030, -1.1847, 6.6626



119.9470, -2.9319, 7.0625

Triad

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



120.4030, -1.1847, 6.6626



119.0060, -2.4680, -1.7593



119.2920, 3.8000, -5.5181

Complementary

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



120.4030, -1.1847, 6.6626



124.5970, 1.1847, -6.6626

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.



118.4660, 3.2213, -6.5477



120.4030, -1.1847, 6.6626



118.7390, -0.8573, -5.0331

Square

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



120.4030, -1.1847, 6.6626



119.3870, -3.6418, 1.4146



118.2980, 1.3321, -7.2773



119.6130, 3.6418, -1.4146

Rectangle

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



120.4030, -1.1847, 6.6626



119.8220, -3.3632, 5.4181



118.2980, 1.3321, -7.2773



118.8790, 3.5107, -6.0329

Sweetspot

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



120.4030, -1.1847, 6.6626



162.4950, -0.7370, 3.0739



121.2440, 3.3307, 5.0480



81.8970, -0.4422, 1.8443



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.



120.4030, -1.1847, 6.6626



154.3110, -1.6323, 10.2513



122.6370, -2.7790, 4.7034



59.2070, -0.5951, 4.2035



39.6400, -13.6265, 77.4917



0.0000, 0.0000, 0.0000

Inverse Universe

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



120.4030, -1.1847, 6.6626



154.3110, -1.6323, 10.2513



122.3630, 2.7790, -4.7034



59.2070, -0.5951, 4.2035



39.6400, -13.6265, 77.4917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.4030, -1.1847, 6.6626 looks on a white background.

Color Contrast Check

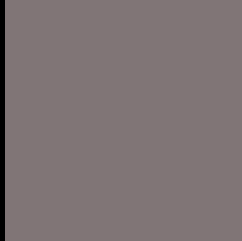
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4030, -1.1847, 6.6626 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 120.4030, -1.1847, 6.6626

Background



This preview shows how black text looks on a background with the YUV color 120.4030, -1.1847, 6.6626.



This preview shows how white text looks on a background with the YUV color 120.4030, -1.1847,

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

120.4030, -1.1847, 6.6626

Protanopia

119.8970, -0.4422, 1.8443

Deuteranopia

121.0120, -1.4849, 9.6365



Tritanopia

120.9130, 2.0149, 7.0923

Trichromacy



Original Color

120.4030, -1.1847, 6.6626

Protanomaly

119.9080, -0.4476, 3.5887

Deuteranomaly

120.7130, -1.3375, 9.0217

Tritanomaly

120.5710, 0.7045, 7.3922

Monochromacy



Original Color

120.4030, -1.1847, 6.6626

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4030, -1.1847, 6.6626 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(128, 117, 118)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 118)  
}
```

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(128, 117, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 118) }
```

Border

The CSS property to change the border of an element to YUV 120.4030, -1.1847, 6.6626 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(128, 117, 118) }
```


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

```
.border{ border-color:rgb(128, 117, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 118);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 120.4030, -1.1847, 6.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 118) }
```

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

```
.background{ background-color: rgb(128,  
117, 118) }
```

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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