

Converting Colors

YUV(113.8530, 3.0305, 8.0219)

Have a look what the booklet for
YUV(113.8530, 3.0305, 8.0219)
contains.

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Color

**YUV(113.8530, 3.0305,
8.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6C78
RGB	123, 108, 120
RGB Percent	48%, 42%, 47%
CMY	0.5176, 0.5765, 0.5294
CMYK	0.00, 0.12, 0.02, 0.52
HSL	312°, 6%, 45%
HSV	312°, 12%, 48%
XYZ	16.9211, 16.2921, 20.0222
YIQ	113.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

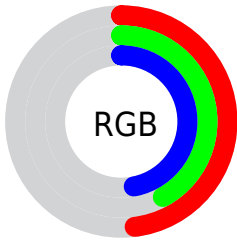
Format	Color
R_{YB}	123, 108, 120
Decimal	8088696
CIE _{Lab}	47.36, 8.19, -4.50
CIE _{LCh}	47, 9.346, 331.233
Yxy	16.2921, 0.3179, 0.3060
Android (android.graphics.Color)	4286278776 (0xFF7B6C78)
YUV	113.8530, 3.0305, 8.0219
Hunter-Lab	40.3635, 4.1942, -1.1561

Details

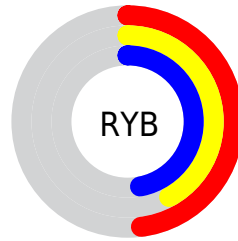
The YUV color **113.8530, 3.0305, 8.0219** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.1470, -3.0305, -8.0219**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5650, 3.1725, 9.1515**, and **66.1410, 2.8885, 6.8923** is the 20% darker color. If you saturate the color by 10%, you get **106.5810, 5.6296, 14.3995**, and if you desaturate by 10%, it is **121.1250, 0.4314, 1.6444**.

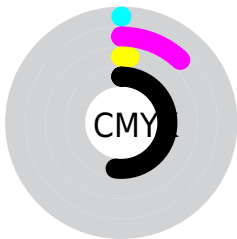
Distribution



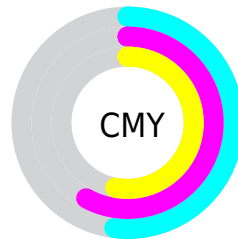
- Red (48%)
- Green (42%)
- Blue (47%)



- Red (48%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8530, 3.0305, 8.0219 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 113.8530, 3.0305, 8.0219 by changing the saturation by 10% instead.

■ 113.8530, 3.0305,
8.0219

■ 113.8530, 3.0305,
8.0219

■ 255.0000, 0.0000,
0.0000

■ 89.4400, 2.7411,
7.5071

■ 165.5650, 3.1725,
9.1515

■ 66.1410, 2.8885,
6.8923

■ 192.6790, 3.6093,
9.0515

■ 44.0270, 2.4517,
6.9923

■ 220.6790, 3.6093,
9.0515

■ 22.7280, 2.5991,
6.3775

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

■ 113.8530, 3.0305,

■ 113.8530, 3.0305,

8.0219

■ 106.5810, 5.6296,
14.3995

■ 98.6080, 8.0813,
21.3918

■ 91.3360, 10.6804,
27.7693

■ 83.9500, 12.8426,
34.2468

■ 76.6780, 15.4417,
40.6244

■ 68.7050, 17.8934,
47.6167

■ 61.4330, 20.4925,
53.9943

■ 54.0470, 22.6548,
60.4718

8.0219

■ 121.1250, 0.4314,
1.6444

■ 129.0980, -2.0203,
-5.3479

■ 136.3700, -4.6194,
-11.7255

■ 143.7560, -6.7817,
-18.2030

■ 151.6150, -9.6702,
-25.0954

■ 159.0010,
-11.8325, -31.5729

■ 166.2730,
-14.4316, -37.9504

■ 173.6590,
-16.5939, -44.4279

■ 47.9490, 24.6751,
65.8197

■ 181.5180,
-19.4824, -51.3203

Harmonies

Analogous

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



113.0200, 6.3991, 0.8595



113.8530, 3.0305, 8.0219



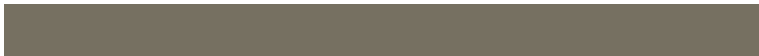
113.8490, -0.9116, 12.4104

Triad

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



113.8530, 3.0305, 8.0219



112.0840, -7.4364, 5.1883



109.8670, 4.9956, -15.6694

Complementary

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



113.8530, 3.0305, 8.0219



117.1470, -3.0305, -8.0219

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.



109.5530, 1.2064, -13.6400



113.8530, 3.0305, 8.0219



111.0940, -5.9623, -0.9594

Square

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



113.8530, 3.0305, 8.0219



112.6440, -6.7265, 10.8362



110.2610, -2.5937, -8.1219



110.5730, 7.6055, -12.7805

Rectangle

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



113.8530, 3.0305, 8.0219



113.5780, -3.2430, 13.5251



110.2610, -2.5937, -8.1219



109.6390, 4.1220, -15.4694

Sweetspot

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



113.8530, 3.0305, 8.0219



156.6630, 1.1521, 3.8035



110.6070, 6.1097, 0.3447



79.5380, 0.7208, 2.1592



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.



113.8530, 3.0305, 8.0219



146.3420, 4.7614, 12.8551



113.0550, -0.0271, 8.7218



57.3640, 1.2995, 3.1888



48.7750, 25.2539, 66.8493



98.3760, 51.0866, 134.7282

Inverse Universe

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



113.8530, 3.0305, 8.0219



146.3420, 4.7614, 12.8551



118.0590, 0.4639, -8.8217



57.3640, 1.2995, 3.1888



48.7750, 25.2539, 66.8493



98.3760, 51.0866, 134.7282

Previews

White Background



This preview shows how the YUV color 113.8530, 3.0305, 8.0219 looks on a white 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

Black Background



This preview shows how the YUV color 113.8530, 3.0305, 8.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

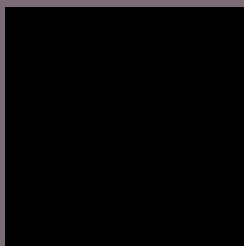
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8530, 3.0305, 8.0219

Background



This preview shows how black text looks on a background with the YUV color 113.8530, 3.0305, 8.0219.



This preview shows how white text looks on a background with the YUV color 113.8530, 3.0305,

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

113.8530, 3.0305, 8.0219

Protanopia

113.1400, 4.3680, -0.9998

Deuteranopia

113.5430, 3.1833, 5.6628



Tritanopia

113.5110, 1.7201, 8.3219

Trichromacy



Original Color

113.8530, 3.0305, 8.0219

Protanomaly

113.6350, 3.6309, 2.0741

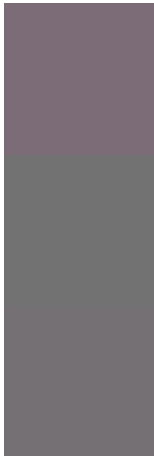
Deuteranomaly

113.8420, 3.0359, 6.2776

Tritanomaly

113.6250, 2.1569, 8.2219

Monochromacy



Original Color

113.8530, 3.0305, 8.0219

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9510, 1.0102, 2.6740

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8530, 3.0305, 8.0219 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(123, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(123, 108, 120)  
}
```

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(123, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 108, 120) }
```

Border

The CSS property to change the border of an element to YUV 113.8530, 3.0305, 8.0219 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(123, 108, 120) }
```


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

```
.border{ border-color:rgb(123, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(123, 108,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 113.8530, 3.0305, 8.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 108, 120) }
```

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

```
.background{ background-color: rgb(123,  
108, 120) }
```

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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