

Converting Colors

YUV(122.8570, 0.0705,
-22.6766)

Have a look what the booklet for
YUV(122.8570, 0.0705, -22.6766)
contains.

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Color

**YUV(122.8570, 0.0705,
-22.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	61887B
RGB	97, 136, 123
RGB Percent	38%, 53%, 48%
CMY	0.6196, 0.4667, 0.5176
CMYK	0.29, 0.00, 0.10, 0.47
HSL	160°, 17%, 46%
HSV	160°, 29%, 53%
XYZ	17.3091, 21.5798, 21.9919
YIQ	122.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

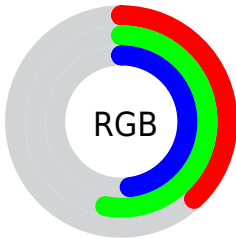
Format	Color
R_{YB}	97, 120, 136
Decimal	6391931
CIE _{Lab}	53.58, -16.50, 2.62
CIE _{LCh}	54, 16.703, 170.984
Yxy	21.5798, 0.2843, 0.3545
Android (android.graphics.Color)	4284582011 (0xFF61887B)
YUV	122.8570, 0.0705, -22.6766
Hunter-Lab	46.4540, -14.7843, 4.4492

Details

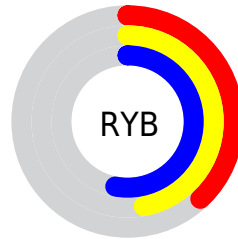
The YUV color $122.8570, 0.0705, -22.6766$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $110.1430, -0.0705, 22.6766$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.4440, -0.2189, -23.1914$, and $73.5690, 0.2125, -21.5470$ is the 20% darker color. If you saturate the color by 10%, you get $118.1010, -0.0498, -30.7836$, and if you desaturate by 10%, it is $127.6130, 0.1908, -14.5696$.

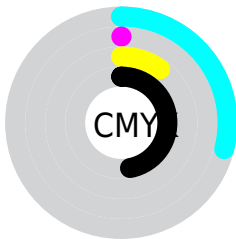
Distribution



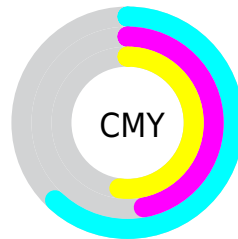
- Red (38%)
- Green (53%)
- Blue (48%)



- Red (38%)
- Yellow (47%)
- Blue (53%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (62%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8570, 0.0705, -22.6766 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 122.8570, 0.0705, -22.6766 by changing the saturation by 10% instead.

■ 122.8570, 0.0705,
-22.6766

■ 122.8570, 0.0705,
-22.6766

■ 255.0000, 0.0000,
0.0000

■ 97.8570, 0.0705,
-22.6766

■ 175.4440, -0.2189,
-23.1914

■ 73.5690, 0.2125,
-21.5470

■ 203.1450, -0.0715,
-23.8062

■ 50.3840, 0.7967,
-22.2618

■ 231.4330, -0.2135,
-24.9357

■ 27.6120, 1.6703,
-22.4617

■ 248.1230, 3.3904,
-14.1399

■ 13.0110, -3.4564,
-11.4106

■ 0.0000, 0.0000,
0.0000

■ 122.8570, 0.0705,
-22.6766

■ 122.8570, 0.0705,
-22.6766

■ 118.1010, -0.0498,
-30.7836

■ 127.6130, 0.1908,
-14.5696

■ 113.7580, 0.1193,
-38.3758

■ 131.9560, 0.0217,
-6.9774

■ 109.0020, -0.0010,
-46.4828

■ 136.7120, 0.1420,
1.1296

■ 104.6590, 0.1681,
-54.0749

■ 141.0550, -0.0271,
8.7218

■ 99.9030, 0.0478,
-62.1819

■ 145.8110, 0.0932,
16.8288

■ 95.2610, 0.3643,
-70.3889

■ 150.4530, -0.2233,
25.0357

■ 90.8040, 0.0966,
-77.8811


■ 154.9100, 0.0444,
32.5279

■ 90.2060, 0.3914,

■ 159.5520, -0.2721,

-79.1107

40.7349

 164.0090, -0.0044,
48.2271

Harmonies

Analogous

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



124.6860, -7.2402, -11.1256



122.8570, 0.0705, -22.6766



122.1750, 7.8017, -29.0945

Triad

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



122.8570, 0.0705, -22.6766



129.0070, 12.8145, -3.5141



129.1570, -11.4164, 21.7873

Complementary

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



122.8570, 0.0705, -22.6766



110.1430, -0.0705, 22.6766

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.



129.9600, -5.8963, 24.5911



122.8570, 0.0705, -22.6766



130.1290, 7.8244, 10.4109

Square

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



122.8570, 0.0705, -22.6766



126.3750, 14.6051, -17.8689



130.4740, 1.2453, 20.6323



128.1190, -13.8627, 13.0506

Rectangle

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



122.8570, 0.0705, -22.6766



122.5000, 11.5855, -29.3795



130.4740, 1.2453, 20.6323



129.6240, -9.6746, 23.1318

Sweetspot

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



122.8570, 0.0705, -22.6766



170.6460, 0.1745, -9.3365



123.7800, -13.2025, -12.0851



85.6680, 0.1637, -5.8478



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



122.8570, 0.0705, -22.6766



155.7800, 0.1085, -34.8871



120.8170, 7.4852, -20.8875



66.6790, 0.1583, -4.1035



88.1030, -0.0508, -77.2663



3.2770, -0.1366, -2.8739

Inverse Universe

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



110.1430, -0.0705, 22.6766



136.2200, -0.1085, 34.8871



112.1830, -7.4852, 20.8875



64.3210, -0.1583, 4.1035



44.7830, -0.3860, 77.3663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 122.8570, 0.0705, -22.6766 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 122.8570, 0.0705, -22.6766 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 122.8570, 0.0705, -22.6766

Background



This preview shows how black text looks on a background with the YUV color 122.8570, 0.0705, -22.6766.



This preview shows how white text looks on a background with the YUV color 122.8570, 0.0705, -22.6766.

-22.6766.

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

122.8570, 0.0705, -22.6766

Protanopia

127.4690, -4.6682, 3.9737

Deuteranopia

128.7240, -1.3429, 10.7661



Tritanopia

124.6860, 9.5218, -20.7726

Trichromacy



Original Color

122.8570, 0.0705, -22.6766

Protanomaly

125.5710, -2.7465, -5.7628

Deuteranomaly

126.7610, -0.8682, -1.5444

Tritanomaly

124.0620, 5.8854, -21.1024

Monochromacy



Original Color

122.8570, 0.0705, -22.6766

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2440, -0.1203, -8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8570, 0.0705, -22.6766 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(97, 136, 123)` looks like.

```
.text, #text, p{  
    color:rgb(97, 136, 123)  
}
```

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(97, 136, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 136, 123) }
```

Border

The CSS property to change the border of an element to YUV 122.8570, 0.0705, -22.6766 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(97, 136, 123) }
```


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

```
.border{ border-color:rgb(97, 136, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 136, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 136, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 136, 123);  
box-shadow:4px 4px 4px 4px rgb(97, 136,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 122.8570, 0.0705, -22.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 136, 123) }
```

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

```
.background{ background-color: rgb(97, 136,  
123) }
```

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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