

Converting Colors

YUV(120.5630, -0.7706,
-32.9428)

Have a look what the booklet for
YUV(120.5630, -0.7706, -32.9428)
contains.

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Color

**YUV(120.5630, -0.7706,
-32.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	538C77
RGB	83, 140, 119
RGB Percent	33%, 55%, 47%
CMY	0.6745, 0.4510, 0.5333
CMYK	0.41, 0.00, 0.15, 0.45
HSL	158°, 26%, 44%
HSV	158°, 41%, 55%
XYZ	16.2751, 21.9271, 20.8273
YIQ	120.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

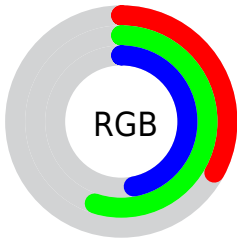
Format	Color
RYB	83, 118, 140
Decimal	5475447
CIELab	53.95, -23.86, 5.37
CIELCh	54, 24.452, 167.322
Yxy	21.9271, 0.2757, 0.3715
Android (android.graphics.Color)	4283665527 (0xFF538C77)
YUV	120.5630, -0.7706, -32.9428
Hunter-Lab	46.8264, -19.9060, 6.4076

Details

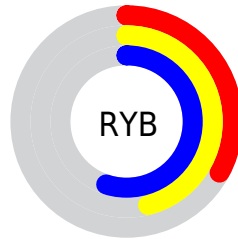
The YUV color $120.5630, -0.7706, -32.9428$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $102.4370, 0.7706, 32.9428$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.7370, -1.3493, -33.9723$, and $69.9050, 0.5398, -33.2427$ is the 20% darker color. If you saturate the color by 10%, you get $115.8070, -0.8909, -41.0497$, and if you desaturate by 10%, it is $125.3190, -0.6503, -24.8358$.

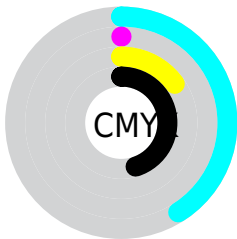
Distribution



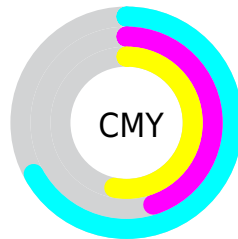
- Red (33%)
- Green (55%)
- Blue (47%)



- Red (33%)
- Yellow (46%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5630, -0.7706, -32.9428 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 120.5630, -0.7706, -32.9428 by changing the saturation by 10% instead.

120.5630, -0.7706,
-32.9428

120.5630, -0.7706,
-32.9428

255.0000, 0.0000,
0.0000

94.9760, -0.4812,
-32.4280

173.7370, -1.3493,
-33.9723

69.9050, 0.5398,
-33.2427

201.3240, -1.6387,
-34.4871

44.5130, 1.7191,
-38.1609

229.9110, -1.9281,
-35.0019

28.3190, -0.6503,
-24.8358

243.9370, 5.4541,
-22.7467

13.0280, -5.9298,
-11.4256

252.6080, 1.1793,
-4.9182

0.0000, 0.0000,
0.0000

■ 120.5630, -0.7706,
-32.9428

■ 120.5630, -0.7706,
-32.9428

■ 115.8070, -0.8909,
-41.0497

■ 125.3190, -0.6503,
-24.8358

■ 111.0510, -1.0111,
-49.1567

■ 130.0750, -0.5300,
-16.7288

■ 106.2950, -1.1314,
-57.2637

■ 134.8310, -0.4097,
-8.6218

■ 101.4250, -1.6885,
-65.2707

■ 139.7010, 0.1474,
-0.6148

■ 96.6690, -1.8088,
-73.3777

■ 144.4570, 0.2677,
7.4922

■ 92.2120, -2.0765,
-80.8699

■ 149.2130, 0.3880,
15.5992

■ 153.9690, 0.5083,
23.7062

■ 158.7250, 0.6286,

31.8132

■ 163.4810, 0.7489,
39.9202

Harmonies

Analogous

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



123.8120, -11.7393, -14.7441



120.5630, -0.7706, -32.9428



117.9770, 11.3503, -47.3378

Triad

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



120.5630, -0.7706, -32.9428



129.3960, 19.5248, -9.1173



130.1860, -15.3747, 31.4089

Complementary

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



120.5630, -0.7706, -32.9428



102.4370, 0.7706, 32.9428

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.



131.3850, -7.0918, 34.7424



120.5630, -0.7706, -32.9428



131.8180, 12.9077, 13.3146

Square

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



120.5630, -0.7706, -32.9428



124.3500, 22.5055, -31.8789



132.0990, 3.4022, 28.8542



128.8550, -20.1415, 20.2982

Rectangle

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



120.5630, -0.7706, -32.9428



117.3880, 18.0497, -49.4523



132.0990, 3.4022, 28.8542



130.4790, -13.0541, 33.7829

Sweetspot

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



120.5630, -0.7706, -32.9428



173.5100, -0.2514, -12.7253



123.0370, -19.7382, -15.8184



87.5430, -0.2677, -7.4922



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



120.5630, -0.7706, -32.9428



150.6270, -1.2951, -51.4159



118.8480, 10.4279, -31.4387



66.5650, -0.2785, -4.0035



87.6470, -1.7980, -76.8664



3.2770, -0.1366, -2.8739

Inverse Universe

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



102.4370, 0.7706, 32.9428



122.3730, 1.2951, 51.4159



104.1520, -10.4279, 31.4387



64.4350, 0.2785, 4.0035



45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 120.5630, -0.7706, -32.9428 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 120.5630, -0.7706, -32.9428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

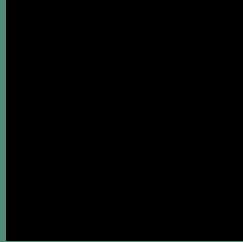
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.5630, -0.7706, -32.9428

Background



This preview shows how black text looks on a background with the YUV color 120.5630, -0.7706, -32.9428.



This preview shows how white text looks on a background with the YUV color 120.5630, -0.7706,

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

120.5630, -0.7706, -32.9428

Protanopia

128.0840, -7.4364, 5.1883

Deuteranopia

129.4530, -3.6743, 11.8807



Tritanopia

123.5000, 11.5855, -29.3795

Trichromacy



Original Color

120.5630, -0.7706, -32.9428

Protanomaly

124.9790, -4.9196, -8.7516

Deuteranomaly

126.2830, -2.6045, -4.6332

Tritanomaly

122.0500, 7.3704, -30.7388

Monochromacy



Original Color

120.5630, -0.7706, -32.9428

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8090, -0.3988, -12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5630, -0.7706, -32.9428 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(83, 140, 119)` looks like.

```
.text, #text, p{  
    color:rgb(83, 140, 119)  
}
```

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(83, 140, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 140, 119) }
```

Border

The CSS property to change the border of an element to YUV 120.5630, -0.7706, -32.9428 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(83, 140, 119) }
```


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

```
.border{ border-color:rgb(83, 140, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 140, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 140, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 140, 119);  
box-shadow:4px 4px 4px 4px rgb(83, 140,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 120.5630, -0.7706, -32.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 140, 119) }
```

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

```
.background{ background-color: rgb(83, 140,  
119) }
```

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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