

Converting Colors

YUV(120.7170, 12.4645,
-31.3238)

Have a look what the booklet for
YUV(120.7170, 12.4645, -31.3238)
contains.

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Color

**YUV(120.7170, 12.4645,
-31.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	558692
RGB	85, 134, 146
RGB Percent	33%, 53%, 57%
CMY	0.6667, 0.4745, 0.4275
CMYK	0.42, 0.08, 0.00, 0.43
HSL	192°, 26%, 45%
HSV	192°, 42%, 57%
XYZ	17.4597, 21.0568, 30.3383
YIQ	120.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

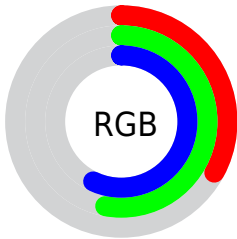
Format	Color
RYB	85, 112, 146
Decimal	5605010
CIELab	53.01, -13.23, -11.64
CIElCh	53, 17.627, 221.342
Yxy	21.0568, 0.2536, 0.3058
Android (android.graphics.Color)	4283795090 (0xFF558692)
YUV	120.7170, 12.4645, -31.3238
Hunter-Lab	45.8877, -12.3864, -7.0777

Details

The YUV color **120.7170, 12.4645, -31.3238** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **110.2830, -12.4645, 31.3238**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8310, 12.9013, -31.4238**, and **70.1190, 12.7593, -32.5534** is the 20% darker color. If you saturate the color by 10%, you get **114.4710, 15.5438, -39.0011**, and if you desaturate by 10%, it is **126.9630, 9.3852, -23.6466**.

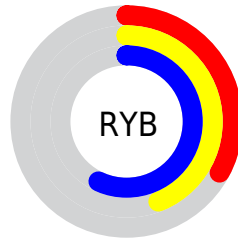
Distribution



Red (33%)

Green (53%)

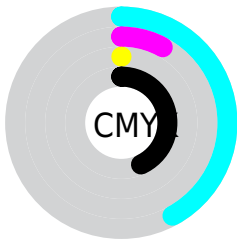
Blue (57%)



Red (33%)

Yellow (44%)

Blue (57%)

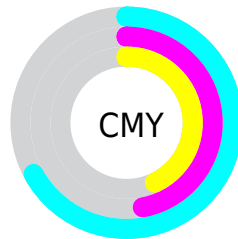


Cyan (42%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (67%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7170, 12.4645, -31.3238 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 120.7170, 12.4645, -31.3238 by changing the saturation by 10% instead.

■ 120.7170, 12.4645,
-31.3238

■ 120.7170, 12.4645,
-31.3238

■ 255.0000, 0.0000,
0.0000

■ 95.3040, 12.1751,
-31.8386

■ 173.8310, 12.9013,
-31.4238

■ 70.1190, 12.7593,
-32.5534

■ 201.5320, 13.0487,
-32.0386

■ 44.0150, 13.7966,
-38.6012

■ 229.4180, 12.6119,
-31.9386

■ 28.4790, 10.1169,
-24.9761

■ 244.8340, 5.0118,
-20.9024

■ 14.3450, 6.7319,
-12.5806

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 120.7170, 12.4645,
-31.3238

■ 120.7170, 12.4645,
-31.3238

■ 114.4710, 15.5438,
-39.0011

■ 126.9630, 9.3852,
-23.6466

■ 108.5240, 18.4757,
-46.0635

■ 132.9100, 6.4534,
-16.5841

■ 102.2780, 21.5549,
-53.7408

■ 139.1560, 3.3741,
-8.9068

■ 96.9180, 24.1974,
-61.3181

■ 144.5160, 0.7316,
-1.3295

■ 90.6720, 27.2767,
-68.9953

■ 150.7620, -2.3477,
6.3477


■ 85.3230, 29.9138,
-74.8283

■ 157.0080, -5.4269,
14.0250

■ 162.9550, -8.3588,
21.0875

■ 169.2010,

-11.4381, 28.7647

 175.1480,
-14.3700, 35.8272

Harmonies

Analogous

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



120.0070, 5.9125, -29.8241



120.7170, 12.4645, -31.3238



123.5700, 15.4950, -23.3019

Triad

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



120.7170, 12.4645, -31.3238



129.4460, 3.7241, 18.9029



125.0750, -13.8410, 6.0732

Complementary

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



120.7170, 12.4645, -31.3238



110.2830, -12.4645, 31.3238

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.



126.7390, -14.1683, 17.7689



120.7170, 12.4645, -31.3238



129.1280, -4.0071, 25.3207

Square

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



120.7170, 12.4645, -31.3238



128.6770, 10.0192, 6.4223



128.1080, -10.4062, 24.4613



123.7250, -9.7244, -7.6518

Rectangle

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



120.7170, 12.4645, -31.3238



125.9240, 15.3205, -13.9653



128.1080, -10.4062, 24.4613



125.8690, -14.7254, 9.7619

Sweetspot

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



120.7170, 12.4645, -31.3238



178.5900, 5.1321, -12.7954



122.0610, -12.8481, -32.5025



87.7540, 3.0793, -7.6773



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.7170, 12.4645, -31.3238



149.4420, 19.5021, -48.6226



103.1070, 21.1462, -15.8798



70.7330, 1.6106, -3.2738



80.8890, 28.1557, -70.9397



5.8360, 2.0529, -5.1182

Inverse Universe

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



108.8250, 12.4113, 32.6025



131.0690, 19.1930, 50.8055



127.8930, -21.1462, 15.8798



69.6630, 1.1521, 3.8035



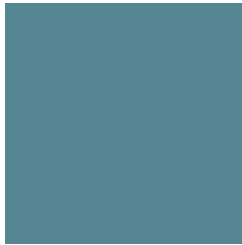
53.9160, 28.1424, 73.7417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 120.7170, 12.4645, -31.3238 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 120.7170, 12.4645, -31.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

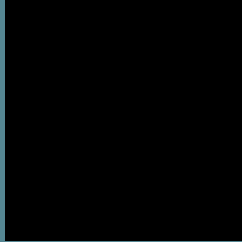
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7170, 12.4645, -31.3238

Background



This preview shows how black text looks on a background with the YUV color 120.7170, 12.4645, -31.3238.



This preview shows how white text looks on a background with the YUV color 120.7170, 12.4645, -31.3238.

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

120.7170, 12.4645, -31.3238

Protanopia

126.4110, 6.6994, -2.1144

Deuteranopia

127.3450, 10.1829, 0.5744



Tritanopia

120.6030, 12.0277, -31.2238

Trichromacy



Original Color

120.7170, 12.4645, -31.3238

Protanomaly

124.2140, 8.7685, -12.4657

Deuteranomaly

124.7950, 10.9471, -11.2212

Tritanomaly

120.6030, 12.0277, -31.2238

Monochromacy



Original Color

120.7170, 12.4645, -31.3238

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0740, 4.4005, -11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7170, 12.4645, -31.3238 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(85, 134, 146)` looks like.

```
.text, #text, p{  
    color:rgb(85, 134, 146)  
}
```

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(85, 134, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 134, 146) }
```

Border

The CSS property to change the border of an element to YUV 120.7170, 12.4645, -31.3238 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(85, 134, 146) }
```


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

```
.border{ border-color:rgb(85, 134, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 134, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 134, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 134, 146);  
box-shadow:4px 4px 4px 4px rgb(85, 134,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 120.7170, 12.4645, -31.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 134, 146) }
```

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

```
.background{ background-color: rgb(85, 134,  
146) }
```

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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