

Converting Colors

YUV(122.5060, -11.0955,
-34.6468)

Have a look what the booklet for
YUV(122.5060, -11.0955, -34.6468)
contains.

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Color

**YUV(122.5060, -11.0955,
-34.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	539364
RGB	83, 147, 100
RGB Percent	33%, 58%, 39%
CMY	0.6745, 0.4235, 0.6078
CMYK	0.44, 0.00, 0.32, 0.42
HSL	136°, 28%, 45%
HSV	136°, 44%, 58%
XYZ	16.3012, 23.6265, 15.7578
YIQ	122.5060, -23.0570, -28.1850

Conversions

Conversions Part 2

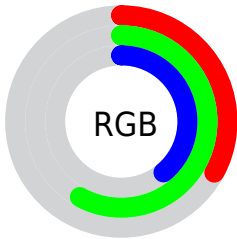
Format	Color
R_{YB}	83, 134, 147
Decimal	5477220
CIE _{Lab}	55.71, -31.30, 18.64
CIE _{LCh}	56, 36.432, 149.233
Yxy	23.6265, 0.2927, 0.4243
Android (android.graphics.Color)	4283667300 (0xFF539364)
YUV	122.5060, -11.0955, -34.6468
Hunter-Lab	48.6071, -25.1994, 14.8039

Details

The YUV color **122.5060, -11.0955, -34.6468** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **107.4940, 11.0955, 34.6468**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8650, -12.2584, -34.9616**, and **71.3640, -9.0535, -36.2762** is the 20% darker color. If you saturate the color by 10%, you get **116.7670, -13.6891, -42.7687**, and if you desaturate by 10%, it is **128.2450, -8.5018, -26.5249**.

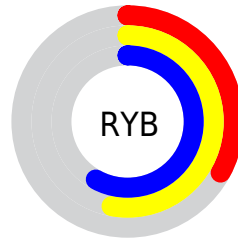
Distribution



Red (33%)

Green (58%)

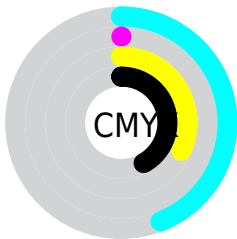
Blue (39%)



Red (33%)

Yellow (53%)

Blue (58%)

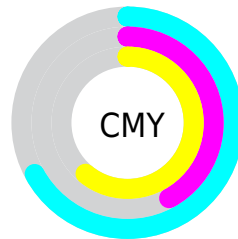


Cyan (44%)

Magenta (0%)

Yellow (32%)

Black (42%)



Cyan (67%)

Magenta (42%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5060, -11.0955, -34.6468 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 122.5060, -11.0955, -34.6468 by changing the saturation by 10% instead.

■ 122.5060,
-11.0955, -34.6468

■ 122.5060,
-11.0955, -34.6468

■ 255.0000, 0.0000,
0.0000

■ 96.7340, -10.2219,
-34.8467

■ 175.8650,
-12.2584, -34.9616

■ 71.3640, -9.0535,
-36.2762

■ 204.0390,
-12.8372, -35.9912

■ 45.7980, -7.2954,
-40.1648

■ 230.2780,
-11.9691, -34.4468

■ 29.0880, -10.3964,
-25.5102

■ 241.8420, -3.8661,
-20.0324

■ 16.4360, -8.1029,
-14.4144

■ 252.9070, 1.0318,
-4.3034

■ 0.0000, 0.0000,
0.0000

■ 122.5060,
-11.0955, -34.6468

■ 122.5060,
-11.0955, -34.6468

■ 116.7670,
-13.6891, -42.7687

■ 128.2450, -8.5018,
-26.5249

■ 111.3270,
-16.4302, -50.2758

■ 133.6850, -5.7607,
-19.0177

■ 105.7020,
-18.5871, -58.4977

■ 139.3100, -3.6038,
-10.7959

■ 99.9630, -21.1808,
-66.6196

■ 145.0490, -1.0102,
-2.6740

■ 94.5230, -23.9218,
-74.1267

■ 150.7880, 1.5835,
5.4479

■ 90.7350, -25.5054,
-79.5746

■ 156.2280, 4.3246,
12.9550

■ 161.9670, 6.9183,
21.0769

■ 167.5920, 9.0751,

29.2988

■ 173.0320, 11.8162,
36.8059

Harmonies

Analogous

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



128.0230, -25.1543, -5.2822



122.5060, -11.0955, -34.6468



110.5730, 10.5635, -75.0475

Triad

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



122.5060, -11.0955, -34.6468



126.9820, 34.0259, -40.3262



134.7200, -15.1450, 51.1116

Complementary

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



122.5060, -11.0955, -34.6468



107.4940, 11.0955, 34.6468

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.



136.0090, -0.0044, 48.2271



122.5060, -11.0955, -34.6468



135.8730, 26.1916, -0.7656

Square

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



122.5060, -11.0955, -34.6468



106.4330, 39.7195, -93.3417



137.2700, 14.1639, 30.4582



133.0810, -26.1689, 40.2710

Rectangle

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



122.5060, -11.0955, -34.6468



105.4920, 23.4214, -92.5165



137.2700, 14.1639, 30.4582



134.9850, -10.3456, 51.7562

Sweetspot

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



122.5060, -11.0955, -34.6468



181.4730, -4.1772, -13.5698



134.9200, -25.5966, -3.4378



90.9620, -2.4463, -8.7367



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.5060, -11.0955, -34.6468



153.0770, -17.2930, -53.5645



126.0400, 2.4453, -37.7461



71.3370, -1.1521, -3.8035



85.2240, -23.7744, -74.7414



6.2120, -1.5835, -5.4479

Inverse Universe

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



107.4940, 11.0955, 34.6468



129.9230, 17.2930, 53.5645



103.9600, -2.4453, 37.7461



69.6630, 1.1521, 3.8035



52.7760, 23.7744, 74.7414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 122.5060, -11.0955, -34.6468 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 122.5060, -11.0955, -34.6468 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 122.5060, -11.0955, -34.6468 Background



This preview shows how black text looks on a background with the YUV color 122.5060, -11.0955, -34.6468.



This preview shows how white text looks on a background with the YUV color 122.5060, -11.0955, -34.6468.

-34.6468.

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

122.5060, -11.0955, -34.6468

Protanopia

131.5440, -18.5092, 10.0469

Deuteranopia

132.7500, -14.1738, 19.5132



Tritanopia

127.9130, 11.8749, -28.8647

Trichromacy



Original Color

122.5060, -11.0955, -34.6468

Protanomaly

128.1290, -15.8396, -6.2521

Deuteranomaly

128.9710, -12.8037, 0.0254

Tritanomaly

126.3120, 3.2972, -30.9686

Monochromacy



Original Color

122.5060, -11.0955, -34.6468

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8860, -3.8878, -13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5060, -11.0955, -34.6468 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, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(83, 147, 100)  
}
```

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, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 147, 100) }
```

Border

The CSS property to change the border of an element to YUV 122.5060, -11.0955, -34.6468 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, 147, 100) }
```


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

```
.border{ border-color:rgb(83, 147, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 147, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(83, 147,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 122.5060, -11.0955, -34.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 147, 100) }
```

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

```
.background{ background-color: rgb(83, 147,  
100) }
```

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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