

# Converting Colors

YUV(123.9550, 48.3362,  
-56.9655)

Have a look what the booklet for  
YUV(123.9550, 48.3362, -56.9655)  
contains.

<b>YUV(123.9550, 48.3362, -56.9655)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(123.9550, 48.3362,  
-56.9655)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B8ADE
RGB	59, 138, 222
RGB Percent	23%, 54%, 87%
CMY	0.7686, 0.4588, 0.1294
CMYK	0.73, 0.38, 0.00, 0.13
HSL	211°, 71%, 55%
HSV	211°, 73%, 87%
XYZ	24.0769, 24.3807, 72.5442
YIQ	123.9550, -74.0480, 9.3760

# Conversions

## Conversions Part 2

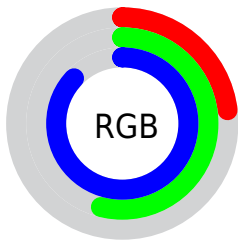
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 112, 222
Decimal	3902174
CIE <sub>Lab</sub>	56.47, 4.01, -49.74
CIE <sub>LCh</sub>	56, 49.899, 274.609
Yxy	24.3807, 0.1990, 0.2015
Android (android.graphics.Color)	4282092254 (0xFF3B8ADE)
YUV	123.9550, 48.3362, -56.9655
Hunter-Lab	49.3768, 0.6301, -52.5449

# Details

The YUV color **123.9550, 48.3362, -56.9655** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **157.0450, -48.3362, 56.9655**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8610, 37.5365, -46.3591**, and **71.1670, 46.7527, -62.4135** is the 20% darker color. If you saturate the color by 10%, you get **110.9200, 54.7624, -64.8278**, and if you desaturate by 10%, it is **136.9900, 41.9099, -49.1032**.

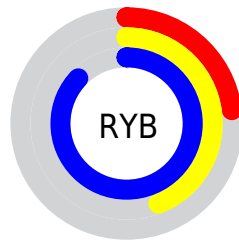
# Distribution



Red (23%)

Green (54%)

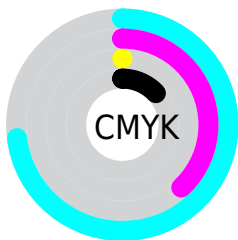
Blue (87%)



Red (23%)

Yellow (44%)

Blue (87%)

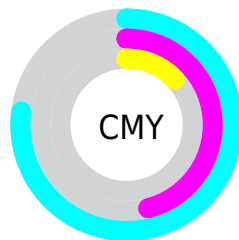


Cyan (73%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (77%)

Magenta (46%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.9550, 48.3362, -56.9655 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 123.9550, 48.3362, -56.9655 by changing the saturation by 10% instead.



■ 123.9550, 48.3362,  
-56.9655

■ 123.9550, 48.3362,  
-56.9655

255.0000, 0.0000,  
0.0000

■ 88.4470, 52.0376,  
-77.5680

■ 178.8610, 37.5365,  
-46.3591

■ 71.1670, 46.7527,  
-62.4135

■ 204.2670, 25.0114,  
-42.3302

■ 54.5880, 41.6151,  
-47.8737

■ 229.9720, 12.3388,  
-37.6864

■ 39.4110, 36.7724,  
-34.5634

■ 243.6380, 5.6015,  
-23.3615

■ 24.7070, 31.2034,  
-21.6680

■ 252.9070, 1.0318,  
-4.3034

■ 11.4050, 25.9293,  
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 123.9550, 48.3362,  
-56.9655

■ 123.9550, 48.3362,  
-56.9655

■ 110.9200, 54.7624,  
-64.8278

■ 136.9900, 41.9099,  
-49.1032

■ 97.2980, 61.4781,  
-72.1753

■ 150.6120, 35.1943,  
-41.7557

■ 88.7040, 65.7149,  
-77.7934

■ 163.9460, 28.6206,  
-33.2786

■ 177.5680, 21.9050,  
-25.9311

■ 190.6030, 15.4787,  
-18.0688

■ 204.2250, 8.7631,  
-10.7213

■ 217.2600, 2.3368,  
-2.8590

■ 231.1810, -4.5262,  
5.1033

■ 243.0200,  
-10.3629, 10.5065

# Harmonies

## Analogous

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



112.3320, 49.6293, -98.5152



123.9550, 48.3362, -56.9655



138.2790, 33.8795, 6.7713

# Triad

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



123.9550, 48.3362, -56.9655



134.1690, -22.7613, 67.3808



113.0030, -8.3825, -64.9006

# Complementary

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



123.9550, 48.3362, -56.9655



157.0450, -48.3362, 56.9655

# 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.



125.4210, -32.2526, -15.2782



123.9550, 48.3362, -56.9655



133.3350, -38.1262, 48.8182

# Square

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



123.9550, 48.3362, -56.9655



135.1580, -2.5429, 69.1444



129.8940, -42.8387, 20.2640



108.2330, 16.1541, -94.9203



# Rectangle

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



123.9550, 48.3362, -56.9655



139.3060, 23.0201, 36.5656



129.8940, -42.8387, 20.2640



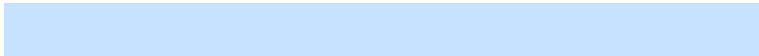
119.3170, -17.9043, -44.1280

# Sweetspot

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



123.9550, 48.3362, -56.9655



221.2330, 16.6471, -19.4983



164.0290, -11.3533, -92.1104



107.2680, 10.2209, -11.6360



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



123.9550, 48.3362, -56.9655



119.9320, 66.5885, -77.9934



77.5820, 71.1981, -16.2964



105.1890, 3.3578, -3.6738



69.9590, 52.2782, -61.3540



18.9730, 14.3103, -16.6393



# Inverse Universe

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



116.7430, 10.4797, 92.3104



110.2880, 14.1550, 126.9124



203.4180, -71.1981, 16.2964



104.8590, 0.5625, 6.2627



62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098



# Previews

## White Background



This preview shows how the YUV color 123.9550, 48.3362, -56.9655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

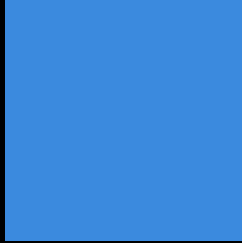
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 123.9550, 48.3362, -56.9655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

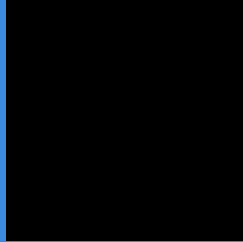
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 123.9550, 48.3362, -56.9655

## Background



This preview shows how black text looks on a background with the YUV color 123.9550, 48.3362, -56.9655.



This preview shows how white text looks on a background with the YUV color 123.9550, 48.3362, -56.9655.



# 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

123.9550, 48.3362, -56.9655

### Protanopia

132.6060, 41.1132, -26.8415

### Deuteranopia

127.6900, 46.9878, -44.4551



**Tritanopia**

106.4040, 26.9158, -93.3163

# Trichromacy



## Original Color

123.9550, 48.3362, -56.9655

## Protanomaly

129.2240, 43.7666, -37.9074

## Deuteranomaly

126.1840, 47.7303, -49.2734

## Tritanomaly

112.8430, 34.5874, -80.5463

# Monochromacy



## Original Color

123.9550, 48.3362, -56.9655

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.8630, 17.8155, -20.9279

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.9550, 48.3362, -56.9655 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(59, 138, 222)` looks like.

```
.text, #text, p{  
    color:rgb(59, 138, 222)  
}
```

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(59, 138, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 138, 222) }
```

## Border

The CSS property to change the border of an element to YUV 123.9550, 48.3362, -56.9655 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(59, 138, 222) }
```



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

```
.border{ border-color:rgb(59, 138, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 138, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 138, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 138, 222);  
box-shadow:4px 4px 4px 4px rgb(59, 138,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 123.9550, 48.3362, -56.9655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 138, 222) }
```

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

```
.background{ background-color: rgb(59, 138,  
222) }
```

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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