

Converting Colors

YUV(139.3450, -3.6211,
-52.0456)

Have a look what the booklet for
YUV(139.3450, -3.6211, -52.0456)
contains.

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Color

**YUV(139.3450, -3.6211,
-52.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	50AB84
RGB	80, 171, 132
RGB Percent	31%, 67%, 52%
CMY	0.6863, 0.3294, 0.4824
CMYK	0.53, 0.00, 0.23, 0.33
HSL	154°, 36%, 49%
HSV	154°, 53%, 67%
XYZ	22.0360, 32.4972, 26.9410
YIQ	139.3450, -41.7170, -31.4210

Conversions

Conversions Part 2

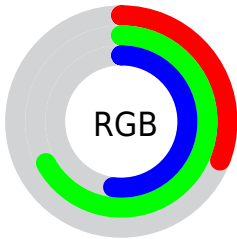
Format	Color
RYB	80, 138, 171
Decimal	5286788
CIELab	63.75, -36.59, 11.94
CIELCh	64, 38.495, 161.924
Yxy	32.4972, 0.2705, 0.3989
Android (android.graphics.Color)	4283476868 (0xFF50AB84)
YUV	139.3450, -3.6211, -52.0456
Hunter-Lab	57.0063, -30.7612, 11.8842

Details

The YUV color **139.3450, -3.6211, -52.0456** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **111.6550, 3.6211, 52.0456**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7040, -4.7841, -52.3604**, and **82.8000, -0.3944, -60.3376** is the 20% darker color. If you saturate the color by 10%, you get **133.4640, -4.1728, -61.7969**, and if you desaturate by 10%, it is **145.2260, -3.0694, -42.2942**.

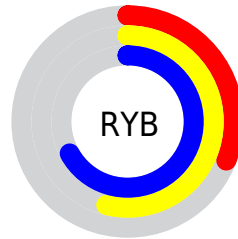
Distribution



Red (31%)

Green (67%)

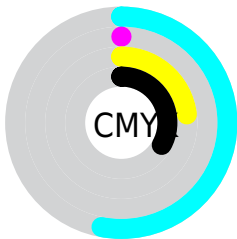
Blue (52%)



Red (31%)

Yellow (54%)

Blue (67%)

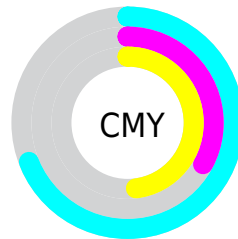


Cyan (53%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (69%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.3450, -3.6211, -52.0456 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 139.3450, -3.6211, -52.0456 by changing the saturation by 10% instead.


 139.3450, -3.6211,
-52.0456


 139.3450, -3.6211,
-52.0456


255.0000, 0.0000,
0.0000

 111.9750, -2.4527,
-53.4751


 194.7040, -4.7841,
-52.3604

 82.8000, -0.3944,
-60.3376


 223.0030, -4.9315,
-51.7456


 61.3170, -1.1423,
-53.7750


 234.5670, 3.1715,
-37.3313

 44.1340, -3.5171,
-38.7055

 244.8340, 5.0118,
-20.9024

 28.3530, -5.5970,
-24.8656

 253.5050, 0.7370,
-3.0739

 12.9140, -6.3666,
-11.3256

 0.0000, 0.0000,

0.0000

■ 139.3450, -3.6211,
-52.0456

■ 139.3450, -3.6211,
-52.0456

■ 133.4640, -4.1728,
-61.7969

■ 145.2260, -3.0694,
-42.2942

■ 127.4690, -5.1612,
-71.4483

■ 151.2210, -2.0810,
-32.6428

■ 121.5880, -5.7129,
-81.1997

■ 157.1020, -1.5293,
-22.8915

■ 115.7070, -6.2646,
-90.9510

■ 162.9830, -0.9776,
-13.1401

■ 111.5490, -6.6797,
-97.8285

■ 168.9780, 0.0108,
-3.4887

■ 175.1580, 0.4151,
6.8774

■ 181.0390, 0.9668,
16.6288

■ 187.0340, 1.9552,
26.2802

■ 192.9150, 2.5069,
36.0315

Harmonies

Analogous

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



146.4450, -21.9114, -18.8073



139.3450, -3.6211, -52.0456



120.5890, 22.8806, -105.7566

Triad

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



139.3450, -3.6211, -52.0456



152.6790, 33.6823, -23.3975



155.4830, -22.4231, 52.1964

Complementary

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



139.3450, -3.6211, -52.0456



111.6550, 3.6211, 52.0456

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.



156.8160, -7.3043, 56.2894



139.3450, -3.6211, -52.0456



158.2880, 23.5220, 15.5334

Square

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



139.3450, -3.6211, -52.0456



138.5760, 39.6490, -70.6652



158.6800, 9.0318, 43.2536



153.2670, -31.6836, 35.7228

Rectangle

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



139.3450, -3.6211, -52.0456



122.6240, 33.2164, -107.5412



158.6800, 9.0318, 43.2536



156.0580, -17.7766, 55.2001

Sweetspot

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



139.3450, -3.6211, -52.0456



209.5260, -1.2453, -20.6323



145.0780, -32.0835, -22.8704



104.6950, -0.8356, -12.0105



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



139.3450, -3.6211, -52.0456



172.5880, -5.7129, -81.1997



140.2690, 15.1504, -52.8559



83.8530, -0.4205, -5.1331



97.8540, -5.8440, -85.8180



14.9830, -0.9776, -13.1401

Inverse Universe

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



111.6550, 3.6211, 52.0456



129.4120, 5.7129, 81.1997



110.7310, -15.1504, 52.8559



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 139.3450, -3.6211, -52.0456 looks on a white background.

Color Contrast Check

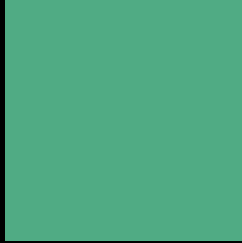
Large Text (above 18pt) WCAG AA × Fail

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 139.3450, -3.6211, -52.0456 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 ✓ Pass

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

YUV 139.3450, -3.6211, -52.0456

Background



This preview shows how black text looks on a background with the YUV color 139.3450, -3.6211, -52.0456.



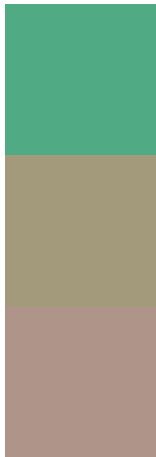
This preview shows how white text looks on a background with the YUV color 139.3450, -3.6211, -52.0456.

-52.0456.

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

139.3450, -3.6211, -52.0456

Protanopia

152.5700, -14.5780, 9.1471

Deuteranopia

154.5200, -8.6374, 17.0840



Tritanopia

145.2530, 16.1443, -44.9489

Trichromacy



Original Color

139.3450, -3.6211, -52.0456

Protanomaly

148.0510, -10.8711, -13.1997

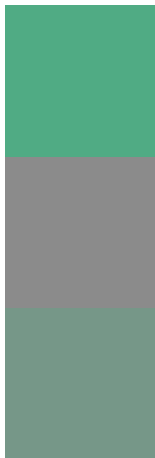
Deuteranomaly

148.8220, -6.8142, -7.7369

Tritanomaly

142.9940, 8.8770, -47.3527

Monochromacy



Original Color

139.3450, -3.6211, -52.0456

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.4230, -1.6875, -18.7880

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.3450, -3.6211, -52.0456 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(80, 171, 132)` looks like.

```
.text, #text, p{  
    color:rgb(80, 171, 132)  
}
```

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(80, 171, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 171, 132) }
```

Border

The CSS property to change the border of an element to YUV 139.3450, -3.6211, -52.0456 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(80, 171, 132) }
```


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

```
.border{ border-color:rgb(80, 171, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 171, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 171, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 171, 132);  
box-shadow:4px 4px 4px 4px rgb(80, 171,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 139.3450, -3.6211, -52.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 171, 132) }
```

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

```
.background{ background-color: rgb(80, 171,  
132) }
```

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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