

Converting Colors

YUV(132.9550, 11.3612,
-50.8265)

Have a look what the booklet for
YUV(132.9550, 11.3612, -50.8265)
contains.

YUV(132.9550, 11.3612, -50.8265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.9550, 11.3612,
-50.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9E9C
RGB	75, 158, 156
RGB Percent	29%, 62%, 61%
CMY	0.7059, 0.3804, 0.3882
CMYK	0.53, 0.00, 0.01, 0.38
HSL	179°, 36%, 46%
HSV	179°, 53%, 62%
XYZ	21.1293, 28.3499, 35.8109
YIQ	132.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

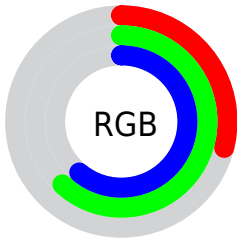
Format	Color
R_{YB}	75, 117, 158
Decimal	4955804
CIE _{Lab}	60.20, -25.57, -6.67
CIE _{LCh}	60, 26.428, 194.615
Yxy	28.3499, 0.2477, 0.3324
Android (android.graphics.Color)	4283145884 (0xFF4B9E9C)
YUV	132.9550, 11.3612, -50.8265
Hunter-Lab	53.2446, -22.3432, -2.6057

Details

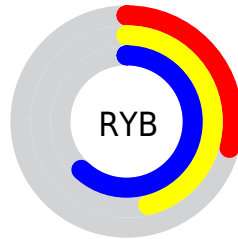
The YUV color **132.9550, 11.3612, -50.8265** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.0450, -11.3612, 50.8265**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1400, 10.7770, -50.1118**, and **74.4910, 15.0409, -64.4516** is the 20% darker color. If you saturate the color by 10%, you get **128.1710, 13.7197, -60.6630**, and if you desaturate by 10%, it is **137.7390, 9.0027, -40.9901**.

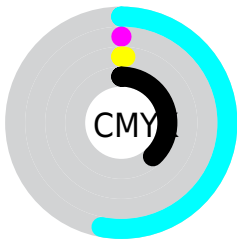
Distribution



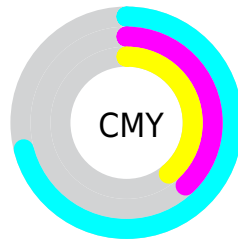
- Red (29%)
- Green (62%)
- Blue (61%)



- Red (29%)
- Yellow (46%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9550, 11.3612, -50.8265 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 132.9550, 11.3612, -50.8265 by changing the saturation by 10% instead.

■ 132.9550, 11.3612,
-50.8265

■ 132.9550, 11.3612,
-50.8265

■ 255.0000, 0.0000,
0.0000

■ 105.7590, 11.9508,
-53.2856

■ 188.1400, 10.7770,
-50.1118

■ 74.4910, 15.0409,
-64.4516

■ 216.2540, 11.2138,
-50.2118

■ 57.3680, 11.6506,
-50.3117

■ 234.6680, 10.0237,
-41.8048

■ 40.6580, 8.5496,
-35.6571

■ 243.3390, 5.7489,
-23.9763

■ 25.2360, 5.3067,
-22.1320

■ 252.3090, 1.3267,
-5.5330

■ 2.9980, 6.4100,
-2.6292

■ 0.0000, 0.0000,

0.0000

■ 132.9550, 11.3612,
-50.8265

■ 132.9550, 11.3612,
-50.8265

■ 128.1710, 13.7197,
-60.6630

■ 137.7390, 9.0027,
-40.9901

■ 123.2730, 15.6414,
-70.3994

■ 142.6370, 7.0810,
-31.2536

■ 118.7880, 17.8525,
-79.6211

■ 147.1220, 4.8699,
-22.0320

■ 113.8900, 19.7742,
-89.3575

■ 152.0200, 2.9481,
-12.2955

■ 110.3020, 21.5431,
-96.7349

■ 156.8040, 0.5896,
-2.4591

■ 161.5880, -1.7689,
7.3773

■ 166.4860, -3.6906,
17.1138

■ 170.9710, -5.9017,
26.3354

■ 175.7550, -8.2602,
36.1719

Harmonies

Analogous

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



136.2100, -2.0755, -34.3872



132.9550, 11.3612, -50.8265



133.5770, 21.4075, -53.1260

Triad

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



132.9550, 11.3612, -50.8265



148.2740, 14.6549, 12.9147



145.1220, -21.7521, 23.5720

Complementary

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



132.9550, 11.3612, -50.8265



100.0450, -11.3612, 50.8265

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.



146.2790, -16.4065, 35.7123



132.9550, 11.3612, -50.8265



148.7510, 4.5598, 30.9134

Square

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



132.9550, 11.3612, -50.8265



145.0690, 22.1510, -11.4615



147.8200, -6.8133, 38.7459



142.5390, -20.9717, 6.5433

Rectangle

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



132.9550, 11.3612, -50.8265



137.1420, 24.5800, -43.9745



147.8200, -6.8133, 38.7459



145.4970, -20.4580, 28.5051

Sweetspot

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



132.9550, 11.3612, -50.8265



197.0190, 4.4276, -20.1877



124.6180, -24.4617, -40.8840



98.9060, 2.5113, -12.1956



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



132.9550, 11.3612, -50.8265



167.3750, 17.5631, -80.1359



110.2900, 23.5210, -30.9493



76.6080, 1.1793, -4.9182



99.7870, 19.3320, -87.5132



10.5150, 2.2111, -9.2217

Inverse Universe

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



100.0450, -11.3612, 50.8265



115.6250, -17.5631, 80.1359



122.7100, -23.5210, 30.9493



73.3920, -1.1793, 4.9182



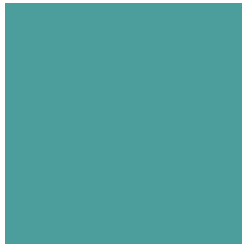
43.0990, -19.7688, 87.6132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 132.9550, 11.3612, -50.8265 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 132.9550, 11.3612, -50.8265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

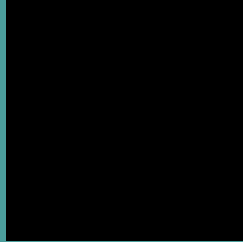
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.9550, 11.3612, -50.8265

Background



This preview shows how black text looks on a background with the YUV color 132.9550, 11.3612, -50.8265.



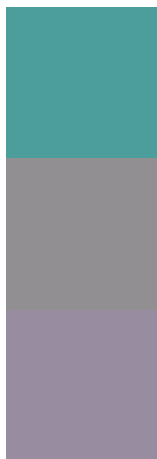
This preview shows how white text looks on a background with the YUV color 132.9550, 11.3612, -50.8265.

-50.8265.

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

132.9550, 11.3612, -50.8265

Protanopia

144.3530, 1.3050, 1.4444

Deuteranopia

145.5690, 7.1145, 4.7630



Tritanopia

134.7580, 16.8813, -48.0228

Trichromacy



Original Color

132.9550, 11.3612, -50.8265

Protanomaly

139.8560, 5.0010, -17.4137

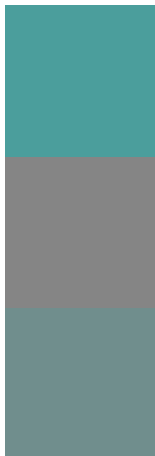
Deuteranomaly

141.1920, 8.7793, -15.9544

Tritanomaly

134.1770, 14.7027, -49.2672

Monochromacy



Original Color

132.9550, 11.3612, -50.8265

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9550, 11.3612, -50.8265 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(75, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(75, 158, 156)  
}
```

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(75, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 158, 156) }
```

Border

The CSS property to change the border of an element to YUV 132.9550, 11.3612, -50.8265 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(75, 158, 156) }
```


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

```
.border{ border-color:rgb(75, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(75, 158,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 132.9550, 11.3612, -50.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 158, 156) }
```

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

```
.background{ background-color: rgb(75, 158,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor