

Converting Colors

YUV(133.6540, 14.4676,
-67.2256)

Have a look what the booklet for
YUV(133.6540, 14.4676, -67.2256)
contains.

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Color

**YUV(133.6540, 14.4676,
-67.2256)**

Conversions

Conversions Part 1

Format	Color
Hex	39A7A3
RGB	57, 167, 163
RGB Percent	22%, 65%, 64%
CMY	0.7765, 0.3451, 0.3608
CMYK	0.66, 0.00, 0.02, 0.35
HSL	178°, 49%, 44%
HSV	178°, 66%, 65%
XYZ	22.1169, 31.1516, 39.4975
YIQ	133.6540, -64.2760, -24.5640

Conversions

Conversions Part 2

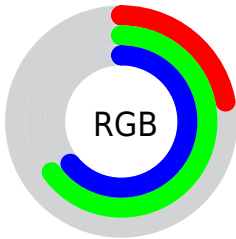
Format	Color
RYB	57, 113, 167
Decimal	3778467
CIELab	62.64, -31.41, -7.06
CIElCh	63, 32.191, 192.667
Yxy	31.1516, 0.2384, 0.3358
Android (android.graphics.Color)	4281968547 (0xFF39A7A3)
YUV	133.6540, 14.4676, -67.2256
Hunter-Lab	55.8136, -26.9408, -2.8881

Details

The YUV color **133.6540, 14.4676, -67.2256** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.3460, -14.4676, 67.2256**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0350, 13.2937, -64.0517**, and **79.5720, 15.4940, -69.7846** is the 20% darker color. If you saturate the color by 10%, you get **128.4570, 16.5367, -77.5768**, and if you desaturate by 10%, it is **138.8510, 12.3985, -56.8743**.

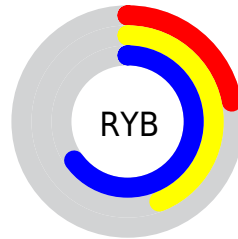
Distribution



Red (22%)

Green (65%)

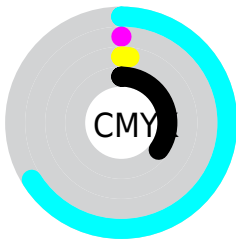
Blue (64%)



Red (22%)

Yellow (44%)

Blue (65%)

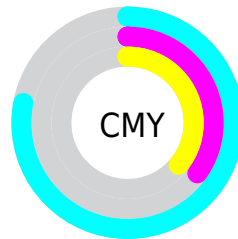


Cyan (66%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6540, 14.4676, -67.2256 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 133.6540, 14.4676, -67.2256 by changing the saturation by 10% instead.

■ 133.6540, 14.4676,
-67.2256

■ 133.6540, 14.4676,
-67.2256

■ 255.0000, 0.0000,
0.0000

■ 101.0870, 17.7051,
-79.0063

■ 191.0350, 13.2937,
-64.0517

■ 79.5720, 15.4940,
-69.7846

■ 219.3340, 13.1463,
-63.4369

■ 62.1610, 12.2456,
-54.5152

■ 231.6780, 11.4977,
-47.9526

■ 45.4510, 9.1447,
-39.8605

■ 240.3490, 7.2229,
-30.1241

■ 30.0290, 5.9017,
-26.3354

■ 249.3190, 2.8007,
-11.6808

■ 12.4870, 4.6899,
-10.9511

■ 0.0000, 0.0000,

0.0000

■ 133.6540, 14.4676,
-67.2256

■ 133.6540, 14.4676,
-67.2256

■ 128.4570, 16.5367,
-77.5768

■ 138.8510, 12.3985,
-56.8743

■ 123.6730, 18.8952,
-87.4132

■ 143.6350, 10.0399,
-47.0379

■ 118.4760, 20.9643,
-97.7645

■ 148.8320, 7.9708,
-36.6867

■ 116.3830, 21.9962,
-102.0679

■ 153.9150, 5.4649,
-26.2355

■ 158.8130, 3.5432,
-16.4990

■ 164.0100, 1.4741,
-6.1478

■ 169.0930, -1.0318,
4.3034

■ 174.2900, -3.1010,
14.6547

■ 179.0740, -5.4595,
24.4911

Harmonies

Analogous

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



140.2260, -3.0694, -42.2942



133.6540, 14.4676, -67.2256



132.4540, 27.8772, -74.9432

Triad

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



133.6540, 14.4676, -67.2256



155.1260, 19.1649, 13.0445



150.9010, -26.5732, 29.9048

Complementary

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



133.6540, 14.4676, -67.2256



90.3460, -14.4676, 67.2256

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.



152.9380, -19.1964, 43.9044



133.6540, 14.4676, -67.2256



155.6530, 6.5801, 36.2613

Square

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



133.6540, 14.4676, -67.2256



150.8170, 27.6982, -17.3795



154.4620, -7.1298, 46.9528



148.7690, -26.5081, 8.9726

Rectangle

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



133.6540, 14.4676, -67.2256



138.1660, 31.4702, -60.6586



154.4620, -7.1298, 46.9528



151.6890, -24.9897, 35.3527

Sweetspot

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



133.6540, 14.4676, -67.2256



203.6160, 5.6123, -26.8502



123.0650, -32.5700, -53.5540



101.8130, 3.5432, -16.4990



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



133.6540, 14.4676, -67.2256



165.1870, 22.5858, -104.5270



105.3470, 30.3949, -42.4003



81.6080, 1.1793, -4.9182



103.1780, 19.6322, -90.4871



14.0200, 2.9481, -12.2955

Inverse Universe

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



90.3460, -14.4676, 67.2256



97.8130, -22.5858, 104.5270



118.6530, -30.3949, 42.4003



78.3920, -1.1793, 4.9182



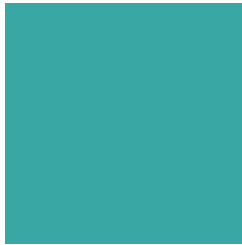
44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 133.6540, 14.4676, -67.2256 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 133.6540, 14.4676, -67.2256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

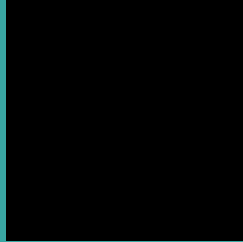
Any Text WCAG AA ✓ Pass

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 133.6540, 14.4676, -67.2256 Background



This preview shows how black text looks on a background with the YUV color 133.6540, 14.4676, -67.2256.



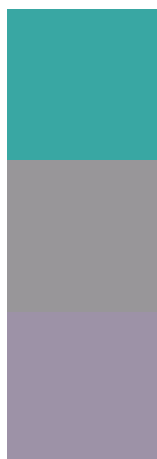
This preview shows how white text looks on a background with the YUV color 133.6540, 14.4676, -67.2256.

-67.2256.

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

133.6540, 14.4676, -67.2256

Protanopia

150.9400, 1.0156, 0.9296

Deuteranopia

151.6830, 7.5513, 4.6630



Tritanopia

136.5820, 20.4191, -62.7774

Trichromacy



Original Color

133.6540, 14.4676, -67.2256

Protanomaly

144.4530, 6.1857, -24.0763

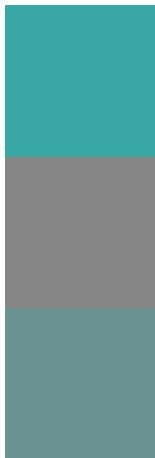
Deuteranomaly

145.5010, 10.1060, -21.4874

Tritanomaly

135.7020, 18.3879, -64.6367

Monochromacy



Original Color

133.6540, 14.4676, -67.2256

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9260, 5.4595, -24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6540, 14.4676, -67.2256 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(57, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(57, 167, 163)  
}
```

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(57, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 167, 163) }
```

Border

The CSS property to change the border of an element to YUV 133.6540, 14.4676, -67.2256 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(57, 167, 163) }
```


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

```
.border{ border-color:rgb(57, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(57, 167,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 133.6540, 14.4676, -67.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 167, 163) }
```

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

```
.background{ background-color: rgb(57, 167,  
163) }
```

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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