

Converting Colors

YUV(134.1320, 16.2039,
-64.1368)

Have a look what the booklet for
YUV(134.1320, 16.2039, -64.1368)
contains.

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Color

**YUV(134.1320, 16.2039,
-64.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	3DA5A7
RGB	61, 165, 167
RGB Percent	24%, 65%, 65%
CMY	0.7608, 0.3529, 0.3451
CMYK	0.63, 0.01, 0.00, 0.35
HSL	181°, 46%, 45%
HSV	181°, 63%, 65%
XYZ	22.3547, 30.6924, 41.3052
YIQ	134.1320, -62.6260, -21.4260

Conversions

Conversions Part 2

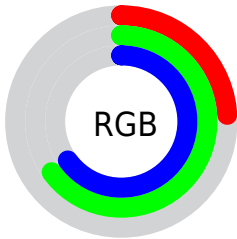
Format	Color
RYB	61, 113, 167
Decimal	4040103
CIELab	62.25, -28.64, -9.87
CIELCh	62, 30.290, 199.022
Yxy	30.6924, 0.2369, 0.3253
Android (android.graphics.Color)	4282230183 (0xFF3DA5A7)
YUV	134.1320, 16.2039, -64.1368
Hunter-Lab	55.4007, -24.9250, -5.4245




Details

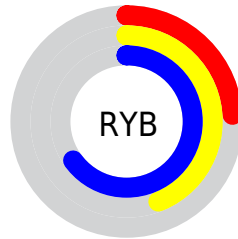
The YUV color **134.1320, 16.2039, -64.1368** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **93.8680, -16.2039, 64.1368**, and the grayscale version is **134.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **190.6270, 15.4669, -61.0629**, and **79.4410, 17.5306, -69.6698** is the 20% darker color. If you saturate the color by 10%, you get **129.0490, 18.7098, -74.5880**, and if you desaturate by 10%, it is **139.2150, 13.6980, -53.6856**.

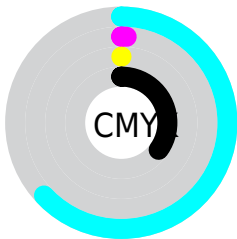
Distribution







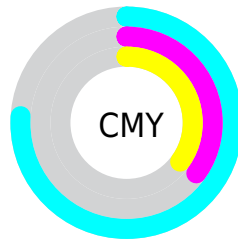
-  Red (24%)
-  Green (65%)
-  Blue (65%)






-  Red (24%)
-  Yellow (44%)
-  Blue (65%)



-  Cyan (63%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (76%)
-  Magenta (35%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.1320, 16.2039, -64.1368 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 134.1320, 16.2039, -64.1368 by changing the saturation by 10% instead.

■ 134.1320, 16.2039,
-64.1368

■ 134.1320, 16.2039,
-64.1368

■ 255.0000, 0.0000,
0.0000

■ 103.3590, 18.5570,
-72.2288

■ 190.6270, 15.4669,
-61.0629

■ 79.4410, 17.5306,
-69.6698

■ 219.6270, 15.4669,
-61.0629

■ 62.0300, 14.2822,
-54.4003

■ 232.2760, 11.2029,
-46.7231

■ 45.2060, 10.7444,
-39.6457

■ 241.2460, 6.7807,
-28.2797

■ 29.1970, 7.7909,
-25.6058

■ 249.9170, 2.5059,
-10.4512

■ 12.2420, 6.2897,
-10.7362

■ 0.0000, 0.0000,

0.0000

■ 134.1320, 16.2039,
-64.1368

■ 134.1320, 16.2039,
-64.1368

■ 129.0490, 18.7098,
-74.5880

■ 139.2150, 13.6980,
-53.6856

■ 123.6780, 21.3577,
-83.9096

■ 144.5860, 11.0501,
-44.3639

■ 118.5950, 23.8637,
-94.3608

■ 149.6690, 8.5442,
-33.9127

■ 115.3060, 25.4851,
-101.1234

■ 154.7520, 6.0383,
-23.4615

■ 160.4220, 3.2430,
-13.5251

■ 165.2060, 0.8844,
-3.6887

■ 170.2890, -1.6215,
6.7625

■ 175.9590, -4.4168,
16.6990

■ 180.7430, -6.7753,
26.5354

Harmonies

Analogous

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



138.7250, 0.1356, -43.6088



134.1320, 16.2039, -64.1368



135.5910, 26.8236, -63.6623

Triad

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



134.1320, 16.2039, -64.1368



154.5350, 15.5122, 17.9478



149.5090, -25.3939, 24.9866

Complementary

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



134.1320, 16.2039, -64.1368



93.8680, -16.2039, 64.1368

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.



151.0900, -19.7644, 39.3861



134.1320, 16.2039, -64.1368



154.1540, 3.3751, 37.5759

Square

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



134.1320, 16.2039, -64.1368



151.0630, 24.6189, -9.7023



153.1690, -9.4503, 44.5788



146.8330, -23.5817, 3.6545

Rectangle

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



134.1320, 16.2039, -64.1368



140.9610, 29.1062, -49.0778



153.1690, -9.4503, 44.5788



150.1830, -24.2472, 30.5345

Sweetspot

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



134.1320, 16.2039, -64.1368



204.1540, 6.3331, -24.6911



123.4500, -29.8019, -54.7687



101.6390, 4.1220, -15.4694



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.



134.1320, 16.2039, -64.1368



165.9040, 25.1903, -99.8938



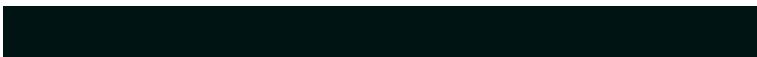
103.0210, 31.5416, -36.8524



81.6080, 1.1793, -4.9182



101.9870, 22.6844, -89.4426



14.0200, 2.9481, -12.2955

Inverse Universe

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



104.5500, 29.8019, 54.7687



119.8030, 46.4391, 85.2418



124.9790, -31.5416, 36.8524



79.3040, 2.3151, 4.1184



60.7820, 41.5195, 76.4902



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 134.1320, 16.2039, -64.1368 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 134.1320, 16.2039, -64.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

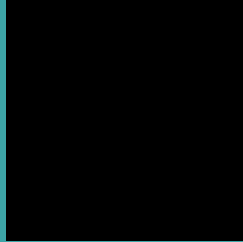
Any Text WCAG AA ✓ Pass

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 134.1320, 16.2039, -64.1368 Background



This preview shows how black text looks on a background with the YUV color 134.1320, 16.2039, -64.1368.



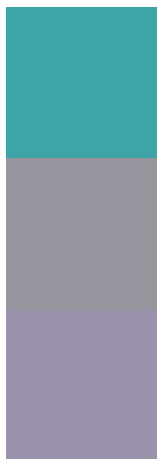
This preview shows how white text looks on a background with the YUV color 134.1320, 16.2039, -64.1368.

-64.1368.

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

134.1320, 16.2039, -64.1368

Protanopia

150.2110, 3.3470, -0.1850

Deuteranopia

151.2420, 9.7407, 2.4188



Tritanopia

135.5930, 20.4137, -61.0331

Trichromacy



Original Color

134.1320, 16.2039, -64.1368

Protanomaly

144.6210, 8.0748, -23.3466

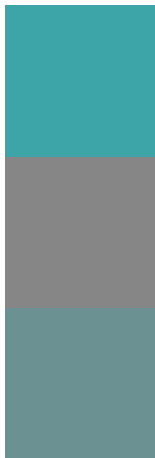
Deuteranomaly

145.0710, 12.2900, -21.9873

Tritanomaly

135.1260, 18.6719, -62.3775

Monochromacy



Original Color

134.1320, 16.2039, -64.1368

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7520, 6.0383, -23.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.1320, 16.2039, -64.1368 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(61, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(61, 165, 167)  
}
```

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(61, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 165, 167) }
```

Border

The CSS property to change the border of an element to YUV 134.1320, 16.2039, -64.1368 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(61, 165, 167) }
```


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

```
.border{ border-color:rgb(61, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(61, 165,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 134.1320, 16.2039, -64.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 165, 167) }
```

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

```
.background{ background-color: rgb(61, 165,  
167) }
```

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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