

Converting Colors

YUV(134.7780, 16.3784,
-73.4733)

Have a look what the booklet for
YUV(134.7780, 16.3784, -73.4733)
contains.

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Color

**YUV(134.7780, 16.3784,
-73.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	33ABA8
RGB	51, 171, 168
RGB Percent	20%, 67%, 66%
CMY	0.8000, 0.3294, 0.3412
CMYK	0.70, 0.00, 0.02, 0.33
HSL	178°, 54%, 44%
HSV	178°, 70%, 67%
XYZ	22.9960, 32.6568, 42.1372
YIQ	134.7780, -70.5570, -26.3730

Conversions

Conversions Part 2

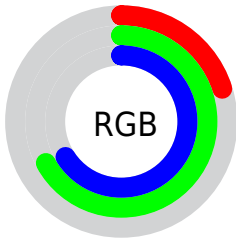
Format	Color
RYB	51, 112, 171
Decimal	3386280
CIELab	63.88, -32.76, -8.02
CIElCh	64, 33.726, 193.755
Yxy	32.6568, 0.2352, 0.3339
Android (android.graphics.Color)	4281576360 (0xFF33ABA8)
YUV	134.7780, 16.3784, -73.4733
Hunter-Lab	57.1461, -28.1759, -3.7157

Details

The YUV color **134.7780, 16.3784, -73.4733** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **87.2220, -16.3784, 73.4733**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0560, 14.7624, -68.4551**, and **82.4900, 16.5204, -72.3437** is the 20% darker color. If you saturate the color by 10%, you get **129.6950, 18.8844, -83.9245**, and if you desaturate by 10%, it is **139.8610, 13.8725, -63.0221**.

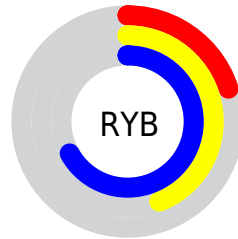
Distribution



Red (20%)

Green (67%)

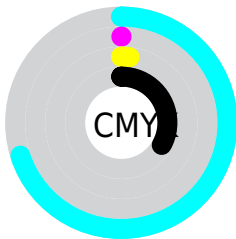
Blue (66%)



Red (20%)

Yellow (44%)

Blue (67%)

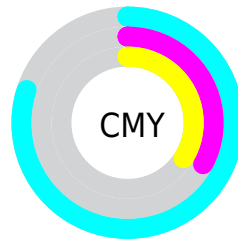


Cyan (70%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (80%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7780, 16.3784, -73.4733 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 134.7780, 16.3784, -73.4733 by changing the saturation by 10% instead.

■ 134.7780, 16.3784,
-73.4733

■ 134.7780, 16.3784,
-73.4733

■ 255.0000, 0.0000,
0.0000

■ 100.7160, 20.3530,
-88.3279

■ 193.0560, 14.7624,
-68.4551

■ 82.4900, 16.5204,
-72.3437

■ 221.7680, 14.9044,
-67.3255

■ 65.0790, 13.2721,
-57.0743

■ 230.7810, 11.9400,
-49.7969

■ 48.2550, 9.7343,
-42.3196

■ 239.7510, 7.5178,
-31.3536

■ 32.2460, 6.7807,
-28.2797

■ 248.7210, 3.0955,
-12.9103

■ 16.3510, 4.2640,
-14.3398

■ 0.0000, 0.0000,

0.0000

■ 134.7780, 16.3784,
-73.4733

■ 134.7780, 16.3784,
-73.4733

■ 129.6950, 18.8844,
-83.9245

■ 139.8610, 13.8725,
-63.0221

■ 124.4980, 20.9535,
-94.2757

■ 145.0580, 11.8034,
-52.6709

■ 119.4150, 23.4594,
-104.7270

■ 150.1410, 9.2975,
-42.2197

■ 155.3380, 7.2284,
-31.8684

■ 160.4210, 4.7224,
-21.4172

■ 165.9170, 2.5059,
-10.4512

■ 171.0000, 0.0000,
0.0000

■ 176.0830, -2.5059,
10.4512

■ 181.2800, -4.5750,
20.8024

Harmonies

Analogous

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



142.3180, -2.6218, -45.8829



134.7780, 16.3784, -73.4733



133.3930, 30.3723, -81.9057

Triad

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



134.7780, 16.3784, -73.4733



158.5500, 19.4488, 15.3036



153.8580, -28.0310, 30.8195

Complementary

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



134.7780, 16.3784, -73.4733



87.2220, -16.3784, 73.4733

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.



155.7210, -20.0755, 45.8487



134.7780, 16.3784, -73.4733



158.9630, 6.4272, 38.6204

Square

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



134.7780, 16.3784, -73.4733



154.1590, 29.0086, -17.6794



157.6580, -7.7194, 49.4119



151.2420, -27.2343, 8.5578

Rectangle

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



134.7780, 16.3784, -73.4733



140.8990, 33.0808, -63.9324



157.6580, -7.7194, 49.4119



155.0590, -26.1581, 36.7823

Sweetspot

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



134.7780, 16.3784, -73.4733



207.8330, 6.4913, -28.7945



122.6360, -35.3165, -59.3168



103.5140, 3.6906, -17.1138



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.



134.7780, 16.3784, -73.4733



165.5170, 25.3811, -114.4634



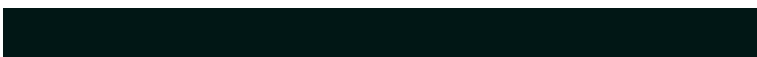
102.2480, 33.8947, -44.9445



84.1950, 0.8899, -5.4330



104.8080, 20.8007, -91.9166



16.0090, 2.9536, -14.0399

Inverse Universe

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



87.2220, -16.3784, 73.4733



91.4830, -25.3811, 114.4634



119.7520, -33.8947, 44.9445



80.6910, -1.3267, 5.5330



45.3060, -20.3639, 91.8166



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 134.7780, 16.3784, -73.4733 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 134.7780, 16.3784, -73.4733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

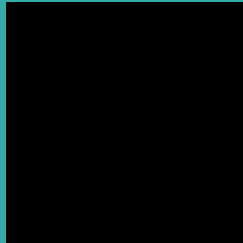
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

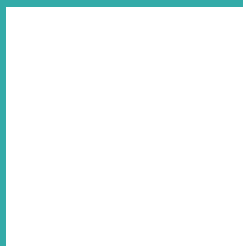
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 134.7780, 16.3784, -73.4733

Background



This preview shows how black text looks on a background with the YUV color 134.7780, 16.3784, -73.4733.



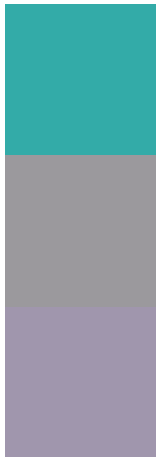
This preview shows how white text looks on a background with the YUV color 134.7780, 16.3784, -73.4733.

-73.4733.

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

134.7780, 16.3784, -73.4733

Protanopia

154.0540, 1.4524, 0.8296

Deuteranopia

155.6120, 8.5723, 3.8483



Tritanopia

137.5920, 21.8931, -68.9252

Trichromacy



Original Color

134.7780, 16.3784, -73.4733

Protanomaly

147.2570, 6.7753, -26.5354

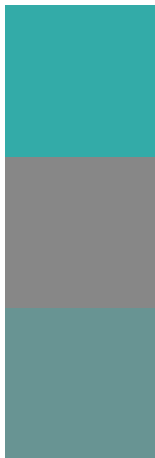
Deuteranomaly

148.1200, 11.2798, -24.6612

Tritanomaly

136.7120, 19.8620, -70.7844

Monochromacy



Original Color

134.7780, 16.3784, -73.4733

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7300, 6.0491, -26.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7780, 16.3784, -73.4733 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(51, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(51, 171, 168)  
}
```

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(51, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 171, 168) }
```

Border

The CSS property to change the border of an element to YUV 134.7780, 16.3784, -73.4733 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(51, 171, 168) }
```


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

```
.border{ border-color:rgb(51, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(51, 171,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 134.7780, 16.3784, -73.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 171, 168) }
```

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

```
.background{ background-color: rgb(51, 171,  
168) }
```

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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