

Converting Colors

YUV(134.8770, -7.3344,
-74.4371)

Have a look what the booklet for
YUV(134.8770, -7.3344, -74.4371)
contains.

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Color

**YUV(134.8770, -7.3344,
-74.4371)**

Conversions

Conversions Part 1

Format	Color
Hex	32B578
RGB	50, 181, 120
RGB Percent	20%, 71%, 47%
CMY	0.8039, 0.2902, 0.5294
CMYK	0.72, 0.00, 0.34, 0.29
HSL	152°, 57%, 45%
HSV	152°, 72%, 71%
XYZ	21.2294, 35.0819, 23.4219
YIQ	134.8770, -58.4950, -46.7430

Conversions

Conversions Part 2

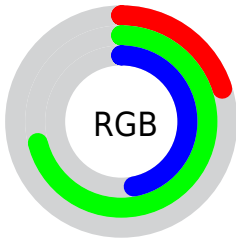
Format	Color
RYB	50, 135, 181
Decimal	3323256
CIELab	65.81, -49.27, 21.22
CIELCh	66, 53.647, 156.699
Yxy	35.0819, 0.2663, 0.4400
Android (android.graphics.Color)	4281513336 (0xFF32B578)
YUV	134.8770, -7.3344, -74.4371
Hunter-Lab	59.2300, -39.6739, 18.0154

Details

The YUV color **134.8770, -7.3344, -74.4371** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **96.1230, 7.3344, 74.4371**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5140, -10.1134, -69.7338**, and **82.6430, -5.7400, -72.4779** is the 20% darker color. If you saturate the color by 10%, you get **128.5830, -8.1754, -84.7033**, and if you desaturate by 10%, it is **141.1710, -6.4933, -64.1710**.

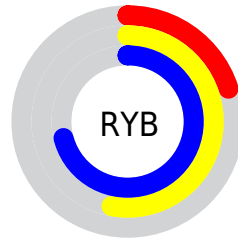
Distribution



Red (20%)

Green (71%)

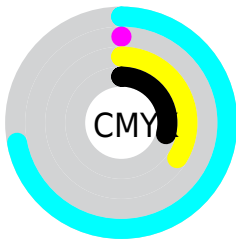
Blue (47%)



Red (20%)

Yellow (53%)

Blue (71%)

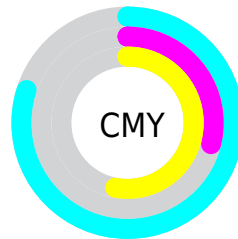


Cyan (72%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (80%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8770, -7.3344, -74.4371 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 134.8770, -7.3344, -74.4371 by changing the saturation by 10% instead.


 134.8770, -7.3344,
-74.4371

 134.8770, -7.3344,
-74.4371


255.0000, 0.0000,
0.0000

 101.2280, -3.0704,
-88.7770


 193.5140,
-10.1134, -69.7338


 82.6430, -5.7400,
-72.4779


 215.2420, -7.5143,
-63.3562


 64.7590, -8.2622,
-56.7936


 227.4040, 0.2938,
-47.7123

 47.5760, -10.6370,
-41.7242

 239.1530, 7.8126,
-32.5832

 30.7520, -14.1747,
-26.9695

 248.1230, 3.3904,
-14.1399

 17.0230, -8.3923,
-14.9292

 0.0000, 0.0000,

0.0000

■ 134.8770, -7.3344,
-74.4371

■ 134.8770, -7.3344,
-74.4371

■ 128.5830, -8.1754,
-84.7033

■ 141.1710, -6.4933,
-64.1710

■ 122.1750, -9.4533,
-94.8695

■ 147.5790, -5.2154,
-54.0048

■ 117.3050,
-10.0104, -102.8765

■ 153.8730, -4.3744,
-43.7386

■ 160.2810, -3.0965,
-33.5724

■ 166.8740, -2.4029,
-22.6915

■ 173.2820, -1.1250,
-12.5253

■ 179.5760, -0.2840,
-2.2592

■ 185.8700, 0.5571,
8.0070

■ 192.2780, 1.8349,
18.1732

Harmonies

Analogous

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



148.8180, -34.4203, -20.0114



134.8770, -7.3344, -74.4371



127.3880, 21.0077, -111.7193

Triad

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



134.8770, -7.3344, -74.4371



151.0740, 51.2355, -53.5619



158.5890, -26.4194, 74.0284

Complementary

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



134.8770, -7.3344, -74.4371



96.1230, 7.3344, 74.4371

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.



160.0450, -4.4592, 77.1365



134.8770, -7.3344, -74.4371



163.8820, 36.0472, 11.5045

Square

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



134.8770, -7.3344, -74.4371



130.9970, 57.6825, -114.8844



163.9340, 17.2875, 55.3089



157.3910, -43.0838, 52.2771

Rectangle

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



134.8770, -7.3344, -74.4371



130.4490, 35.2746, -114.4038



163.9340, 17.2875, 55.3089



159.3320, -19.8837, 77.7618

Sweetspot

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



134.8770, -7.3344, -74.4371



216.7160, -2.8180, -29.5689



145.1360, -46.9020, -29.9373



106.4340, -1.6930, -17.0436



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



134.8770, -7.3344, -74.4371



162.8750, -11.2774, -116.5314



139.4830, 20.4679, -78.4766



85.8530, -0.4205, -5.1331



99.1590, -8.4594, -86.9624



16.8580, -1.4090, -14.7845

Inverse Universe

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



96.1230, 7.3344, 74.4371



102.2390, 11.7142, 116.4314



91.5170, -20.4679, 78.4766



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 134.8770, -7.3344, -74.4371 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 134.8770, -7.3344, -74.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

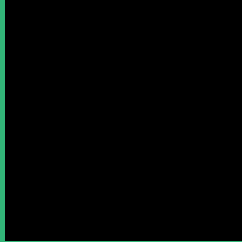
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 134.8770, -7.3344, -74.4371

Background



This preview shows how black text looks on a background with the YUV color 134.8770, -7.3344, -74.4371.



This preview shows how white text looks on a background with the YUV color 134.8770, -7.3344, -74.4371.

-74.4371.

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

134.8770, -7.3344, -74.4371

Protanopia

157.0020, -23.1720, 12.2762

Deuteranopia

158.9030, -16.2212, 22.8871



Tritanopia

146.1910, 20.1188, -59.8035

Trichromacy



Original Color

134.8770, -7.3344, -74.4371



Protanomaly

148.9980, -17.2540, -19.2922



Deuteranomaly

150.4810, -13.0551, -12.6998



Tritanomaly

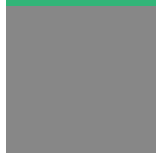
142.2260, 10.2416, -65.0962

Monochromacy



Original Color

134.8770, -7.3344, -74.4371



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.1400, -2.5340, -27.3098

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8770, -7.3344, -74.4371 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(50, 181, 120)` looks like.

```
.text, #text, p{  
    color:rgb(50, 181, 120)  
}
```

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(50, 181, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 181, 120) }
```

Border

The CSS property to change the border of an element to YUV 134.8770, -7.3344, -74.4371 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(50, 181, 120) }
```


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

```
.border{ border-color:rgb(50, 181, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 181, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 181, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 181, 120);  
box-shadow:4px 4px 4px 4px rgb(50, 181,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 134.8770, -7.3344, -74.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 181, 120) }
```

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

```
.background{ background-color: rgb(50, 181,  
120) }
```

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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