

Converting Colors

YUV(134.8470, 5.0054,
-65.6408)

Have a look what the booklet for
YUV(134.8470, 5.0054, -65.6408)
contains.

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Color

**YUV(134.8470, 5.0054,
-65.6408)**

Conversions

Conversions Part 1

Format	Color
Hex	3CAB91
RGB	60, 171, 145
RGB Percent	24%, 67%, 57%
CMY	0.7647, 0.3294, 0.4314
CMYK	0.65, 0.00, 0.15, 0.33
HSL	166°, 48%, 45%
HSV	166°, 65%, 67%
XYZ	21.5372, 32.1308, 31.8548
YIQ	134.8470, -57.8100, -31.6180

Conversions

Conversions Part 2

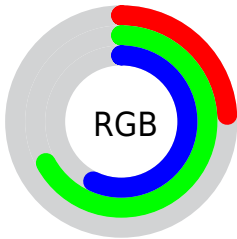
Format	Color
RYB	60, 123, 171
Decimal	3976081
CIELab	63.45, -37.63, 4.21
CIELCh	63, 37.868, 173.611
Yxy	32.1308, 0.2518, 0.3757
Android (android.graphics.Color)	4282166161 (0xFF3CAB91)
YUV	134.8470, 5.0054, -65.6408
Hunter-Lab	56.6840, -31.3756, 6.3596

Details

The YUV color **134.8470, 5.0054, -65.6408** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **96.1530, -5.0054, 65.6408**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8150, 3.5422, -62.9818**, and **80.0960, 7.3477, -70.2442** is the 20% darker color. If you saturate the color by 10%, you get **129.3080, 5.7642, -75.6921**, and if you desaturate by 10%, it is **140.3860, 4.2467, -55.5895**.

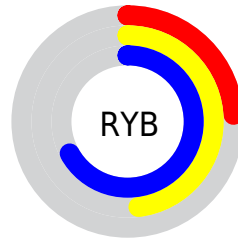
Distribution



Red (24%)

Green (67%)

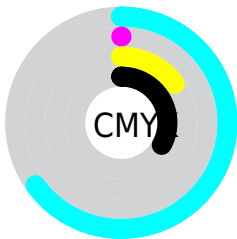
Blue (57%)



Red (24%)

Yellow (48%)

Blue (67%)

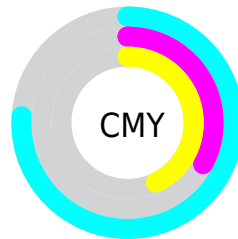


Cyan (65%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (76%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8470, 5.0054, -65.6408 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 134.8470, 5.0054, -65.6408 by changing the saturation by 10% instead.


 134.8470, 5.0054,
-65.6408


 134.8470, 5.0054,
-65.6408

255.0000, 0.0000,
0.0000

 104.0740, 7.3585,
-73.7329


 191.8150, 3.5422,
-62.9818

 80.0960, 7.3477,
-70.2442


 220.1140, 3.3948,
-62.3670


 62.6850, 4.0993,
-54.9747


 231.9770, 11.3503,
-47.3378

 45.5020, 1.7245,
-39.9053

 240.6480, 7.0755,
-29.5093

 29.6070, -0.7923,
-25.9653

 249.3190, 2.8007,
-11.6808

 11.9680, -4.9142,
-10.4959

 0.0000, 0.0000,

0.0000

■ 134.8470, 5.0054,
-65.6408

■ 134.8470, 5.0054,
-65.6408

■ 129.3080, 5.7642,
-75.6921

■ 140.3860, 4.2467,
-55.5895

■ 123.7690, 6.5229,
-85.7434

■ 145.9250, 3.4880,
-45.5382

■ 118.2300, 7.2816,
-95.7947

■ 151.4640, 2.7292,
-35.4869

■ 115.3110, 7.7347,
-101.1277

■ 157.0030, 1.9705,
-25.4356

■ 162.5420, 1.2118,
-15.3843

■ 168.3800, 0.3057,
-4.7183

■ 173.9190, -0.4531,
5.3330

■ 179.4580, -1.2118,
15.3843

■ 184.9970, -1.9705,
25.4356

Harmonies

Analogous

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



143.3880, -15.4743, -30.1583



134.8470, 5.0054, -65.6408



120.7830, 28.7010, -105.9267

Triad

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



134.8470, 5.0054, -65.6408



155.3390, 29.4129, -7.3133



153.8260, -26.0432, 46.6336

Complementary

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



134.8470, 5.0054, -65.6408



96.1530, -5.0054, 65.6408

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.



155.2090, -13.4140, 55.9447



134.8470, 5.0054, -65.6408



157.8720, 17.8111, 27.2993

Square

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



134.8470, 5.0054, -65.6408



144.7250, 37.1106, -49.7478



157.2910, 2.3215, 48.8568



151.6850, -32.3827, 26.5863

Rectangle

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



134.8470, 5.0054, -65.6408



121.8890, 38.0157, -106.8967



157.2910, 2.3215, 48.8568



154.4720, -22.4177, 50.4521

Sweetspot

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



134.8470, 5.0054, -65.6408



208.3020, 1.8231, -24.8209



133.5290, -36.2498, -39.9289



103.5420, 1.2118, -15.3843



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.



134.8470, 5.0054, -65.6408



165.5990, 7.5927, -102.2573



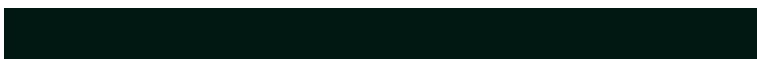
121.3750, 24.4651, -53.8259



84.0810, 0.4531, -5.3330



101.1600, 6.8231, -88.7173



15.5530, 1.2064, -13.6400

Inverse Universe

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



96.1530, -5.0054, 65.6408



105.2870, -8.0295, 102.3573



109.6250, -24.4651, 53.8259



80.9190, -0.4531, 5.3330



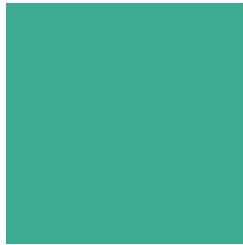
48.8400, -6.8231, 88.7173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 134.8470, 5.0054, -65.6408 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 134.8470, 5.0054, -65.6408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

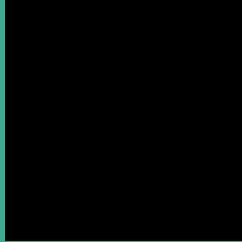
Any Text WCAG AA ✓ Pass

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 134.8470, 5.0054, -65.6408 Background



This preview shows how black text looks on a background with the YUV color 134.8470, 5.0054, -65.6408.



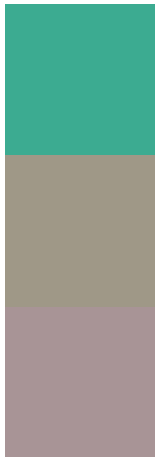
This preview shows how white text looks on a background with the YUV color 134.8470, 5.0054,

-65.6408.

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

134.8470, 5.0054, -65.6408

Protanopia

152.1550, -8.4574, 6.0031

Deuteranopia

154.2080, -2.0745, 12.0956



Tritanopia

140.3870, 19.5292, -57.3444

Trichromacy



Original Color

134.8470, 5.0054, -65.6408

Protanomaly

145.9560, -3.4293, -20.1324

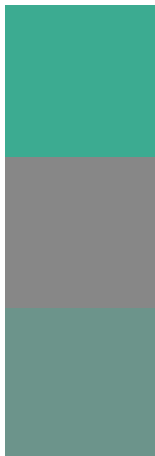
Deuteranomaly

147.0150, 0.4856, -15.7992

Tritanomaly

138.5840, 14.0091, -60.1482

Monochromacy



Original Color

134.8470, 5.0054, -65.6408

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0140, 1.9651, -23.6913

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8470, 5.0054, -65.6408 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(60, 171, 145)` looks like.

```
.text, #text, p{  
    color:rgb(60, 171, 145)  
}
```

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(60, 171, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 171, 145) }
```

Border

The CSS property to change the border of an element to YUV 134.8470, 5.0054, -65.6408 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(60, 171, 145) }
```


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

```
.border{ border-color:rgb(60, 171, 145) }
```

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

Here you see how a box with a 4 pixel rgb(60, 171, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 171, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 171, 145);  
box-shadow:4px 4px 4px 4px rgb(60, 171,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 134.8470, 5.0054, -65.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 171, 145) }
```

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

```
.background{ background-color: rgb(60, 171,  
145) }
```

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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