

Converting Colors

YUV(134.0530, -14.3231,
-72.8375)

Have a look what the booklet for
YUV(134.0530, -14.3231, -72.8375)
contains.

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Color

**YUV(134.0530, -14.3231,
-72.8375)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33B669 |
| RGB | 51, 182, 105 |
| RGB Percent | 20%, 71%, 41% |
| CMY | 0.8000, 0.2863, 0.5882 |
| CMYK | 0.72, 0.00, 0.42, 0.29 |
| HSL | 145°, 56%, 46% |
| HSV | 145°, 72%, 71% |
| XYZ | 20.6430, 35.1796, 19.0670 |
| YIQ | 134.0530, -53.3590, -51.7190 |

Conversions

Conversions Part 2

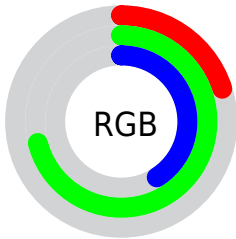
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 144, 182 |
| Decimal | 3389033 |
| CIELab | 65.89, -52.42, 29.29 |
| CIELCh | 66, 60.048, 150.802 |
| Yxy | 35.1796, 0.2756, 0.4698 |
| Android (android.graphics.Color) | 4281579113 (0xFF33B669) |
| YUV | 134.0530, -14.3231, -72.8375 |
| Hunter-Lab | 59.3124, -41.6719, 22.4589 |

Details

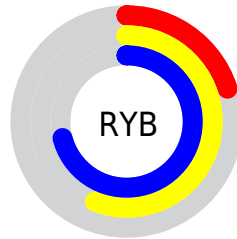
The YUV color **134.0530, -14.3231, -72.8375** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **98.9470, 14.3231, 72.8375**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5760, -17.5390, -68.0342**, and **81.5200, -12.5814, -71.4930** is the 20% darker color. If you saturate the color by 10%, you get **127.4170, -16.4746, -82.8037**, and if you desaturate by 10%, it is **140.6890, -12.1717, -62.8713**.

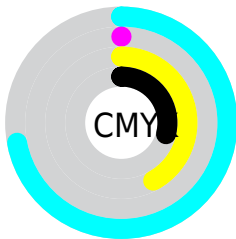
Distribution



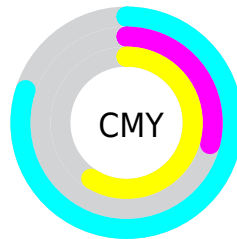
- Red (20%)
- Green (71%)
- Blue (41%)



- Red (20%)
- Yellow (56%)
- Blue (71%)



- Cyan (72%)
- Magenta (0%)
- Yellow (42%)
- Black (29%)





- Cyan (80%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.0530, -14.3231, -72.8375 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 134.0530, -14.3231, -72.8375 by changing the saturation by 10% instead.


 134.0530,
-14.3231, -72.8375


 134.0530,
-14.3231, -72.8375


255.0000, 0.0000,
0.0000

 100.1050, -9.9118,
-87.7921


 192.5760,
-17.5390, -68.0342

 81.5200, -12.5814,
-71.4930


 213.7170,
-14.6505, -61.1418


 63.6360, -15.1035,
-55.8088


 225.8790, -6.8423,
-45.4979

 46.2250, -18.3519,
-40.5393

 237.8560, 1.5500,
-30.5687

 31.1110, -15.3377,
-27.2843

 248.4220, 3.2430,
-13.5251

 17.0230, -8.3923,
-14.9292

 0.0000, 0.0000,

0.0000

■ 134.0530,
-14.3231, -72.8375

■ 134.0530,
-14.3231, -72.8375

■ 127.4170,
-16.4746, -82.8037

■ 140.6890,
-12.1717, -62.8713

■ 120.8950,
-18.1892, -92.8699

■ 147.2110,
-10.4570, -52.8050

■ 115.3840,
-19.9093, -101.1918

■ 154.1460, -8.4530,
-42.2240

■ 160.7820, -6.3015,
-32.2578

■ 167.3040, -4.5869,
-22.1916

■ 173.9400, -2.4354,
-12.2254

■ 180.5760, -0.2840,
-2.2592

■ 187.5110, 1.7201,
8.3219

■ 194.0330, 3.4347,
18.3881

Harmonies

Analogous

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



148.1580, -43.4619, -13.2936



134.0530, -14.3231, -72.8375



127.4220, 16.0610, -111.7491

Triad

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



134.0530, -14.3231, -72.8375



126.5120, 63.3446, -110.9510



157.8230, -24.5627, 85.2242

Complementary

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



134.0530, -14.3231, -72.8375



98.9470, 14.3231, 72.8375

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.



159.1690, 0.9027, 84.0438



134.0530, -14.3231, -72.8375



162.6940, 44.5209, 0.2684

Square

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



134.0530, -14.3231, -72.8375



133.9150, 58.7089, -117.4435



164.4700, 24.4183, 54.8388



157.1860, -45.4477, 63.8579

Rectangle

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



134.0530, -14.3231, -72.8375



131.6400, 32.2225, -115.4483



164.4700, 24.4183, 54.8388



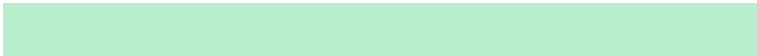
156.8260, -15.6902, 86.0986

Sweetspot

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



134.0530, -14.3231, -72.8375



217.9180, -5.8756, -28.8691



151.5180, -49.5554, -18.8713



108.6790, -3.2927, -17.2585



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



134.0530, -14.3231, -72.8375



162.3240, -22.3447, -113.4171



141.3490, 13.6319, -79.2361



88.6250, -1.2941, -4.9331



98.8680, -17.1899, -86.7072



17.8040, -2.8614, -15.6141

Inverse Universe

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



98.9470, 14.3231, 72.8375



107.6760, 22.3447, 113.4171



91.6510, -13.6319, 79.2361



86.2610, 0.8573, 5.0331



57.0180, 16.7531, 86.8072



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 134.0530, -14.3231, -72.8375 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 134.0530, -14.3231, -72.8375 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 134.0530, -14.3231, -72.8375 Background



This preview shows how black text looks on a background with the YUV color 134.0530, -14.3231, -72.8375.



This preview shows how white text looks on a background with the YUV color 134.0530, -14.3231, -72.8375.

-72.8375.

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

134.0530, -14.3231, -72.8375

Protanopia

156.3030, -29.7294, 15.5203

Deuteranopia

158.5030, -22.9260, 26.7459



Tritanopia

147.2730, 19.0924, -57.2444

Trichromacy



Original Color

134.0530, -14.3231, -72.8375



Protanomaly

147.8860, -24.1008, -16.5630



Deuteranomaly

149.6680, -20.0493, -9.3558



Tritanomaly

142.4390, 7.1786, -62.6520

Monochromacy



Original Color

134.0530, -14.3231, -72.8375



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.7550, -5.3022, -26.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0530, -14.3231, -72.8375 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, 182, 105)` looks like.

```
.text, #text, p{  
    color:rgb(51, 182, 105)  
}
```

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, 182, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 182, 105) }
```

Border

The CSS property to change the border of an element to YUV 134.0530, -14.3231, -72.8375 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, 182, 105) }
```


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

```
.border{ border-color:rgb(51, 182, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 182, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 182, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 182, 105); box-shadow:4px 4px 4px 4px rgb(51, 182, 105) }
```

Background

The CSS property to change the background color of an element to YUV 134.0530, -14.3231, -72.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 182, 105) }
```

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

```
.background{ background-color: rgb(51, 182,  
105) }
```

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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