

Converting Colors

YUV(134.1270, -6.4716,
-71.1484)

Have a look what the booklet for
YUV(134.1270, -6.4716, -71.1484)
contains.

YUV(134.1270, -6.4716, -71.1484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.1270, -6.4716,
-71.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	35B279
RGB	53, 178, 121
RGB Percent	21%, 70%, 47%
CMY	0.7922, 0.3020, 0.5255
CMYK	0.70, 0.00, 0.32, 0.30
HSL	153°, 54%, 45%
HSV	153°, 70%, 70%
XYZ	20.8398, 33.9781, 23.5492
YIQ	134.1270, -56.2030, -44.2270

Conversions

Conversions Part 2

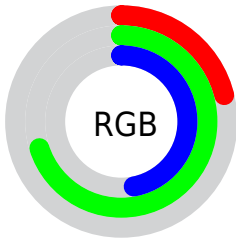
Format	Color
RYB	53, 134, 178
Decimal	3519097
CIELab	64.95, -47.40, 19.51
CIELCh	65, 51.259, 157.629
Yxy	33.9781, 0.2659, 0.4336
Android (android.graphics.Color)	4281709177 (0xFF35B279)
YUV	134.1270, -6.4716, -71.1484
Hunter-Lab	58.2908, -38.1926, 16.8506

Details

The YUV color **134.1270, -6.4716, -71.1484** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **96.8730, 6.4716, 71.1484**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1660, -8.9558, -67.6746**, and **80.9960, -4.4350, -71.0335** is the 20% darker color. If you saturate the color by 10%, you get **127.8330, -7.3127, -81.4145**, and if you desaturate by 10%, it is **140.4210, -5.6306, -60.8822**.

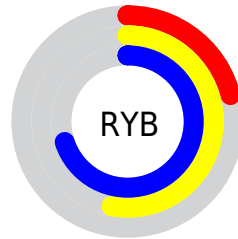
Distribution



Red (21%)

Green (70%)

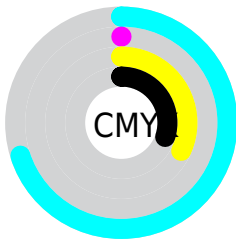
Blue (47%)



Red (21%)

Yellow (53%)

Blue (70%)

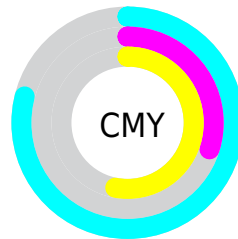


Cyan (70%)

Magenta (0%)

Yellow (32%)

Black (30%)



Cyan (79%)

Magenta (30%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.1270, -6.4716, -71.1484 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 134.1270, -6.4716, -71.1484 by changing the saturation by 10% instead.

■ 134.1270, -6.4716,
-71.1484

■ 134.1270, -6.4716,
-71.1484

255.0000, 0.0000,
0.0000

■ 99.5810, -1.7654,
-87.3325

■ 192.1660, -8.9558,
-67.6746

■ 80.9960, -4.4350,
-71.0335

■ 215.9540, -7.3723,
-62.2267

■ 63.1120, -6.9572,
-55.3492

■ 227.8170, 0.5832,
-47.1975

■ 45.9290, -9.3320,
-40.2797

■ 239.4520, 7.6652,
-31.9684

■ 29.6920, -13.1592,
-26.0399

■ 248.4220, 3.2430,
-13.5251

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,

0.0000

■ 134.1270, -6.4716,
-71.1484

■ 134.1270, -6.4716,
-71.1484

■ 127.8330, -7.3127,
-81.4145

■ 140.4210, -5.6306,
-60.8822

■ 121.5390, -8.1537,
-91.6807

■ 146.7150, -4.7895,
-50.6161

■ 115.5440, -9.1422,
-101.3321

■ 152.7100, -3.8010,
-40.9647

■ 159.0040, -2.9600,
-30.6985

■ 165.4120, -1.6821,
-20.5323

■ 171.7060, -0.8411,
-10.2662

■ 178.0000, 0.0000,
0.0000

■ 183.9950, 0.9885,
9.6514

■ 190.2890, 1.8295,
19.9175

Harmonies

Analogous

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



146.8010, -31.9469, -19.9965



134.1270, -6.4716, -71.1484



125.3990, 21.0023, -109.9749

Triad

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



134.1270, -6.4716, -71.1484



150.6080, 48.0143, -47.0142



156.6810, -25.9717, 70.4398

Complementary

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



134.1270, -6.4716, -71.1484



96.8730, 6.4716, 71.1484

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.



158.7950, -5.3219, 73.8478



134.1270, -6.4716, -71.1484



161.6110, 33.7158, 12.6192

Square

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



134.1270, -6.4716, -71.1484



128.5520, 55.9299, -112.7401



161.4670, 15.5458, 53.9644



155.5370, -41.1837, 49.5181

Rectangle

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



134.1270, -6.4716, -71.1484



128.3460, 34.8324, -112.5594



161.4670, 15.5458, 53.9644



157.1250, -19.2886, 73.5584

Sweetspot

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



134.1270, -6.4716, -71.1484



214.8410, -2.3866, -27.9246



143.7170, -44.7235, -28.6928



106.8470, -1.4036, -16.5288



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.



134.1270, -6.4716, -71.1484



163.5490, -10.1307, -110.9835



138.2770, 19.5834, -74.7879



85.8530, -0.4205, -5.1331



99.2730, -8.0226, -87.0624



16.8580, -1.4090, -14.7845

Inverse Universe

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



96.8730, 6.4716, 71.1484



105.4510, 10.1307, 110.9835



92.7230, -19.5834, 74.7879



83.1470, 0.4205, 5.1331



53.7270, 8.0226, 87.0624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 134.1270, -6.4716, -71.1484 looks on a white background.

Color Contrast Check

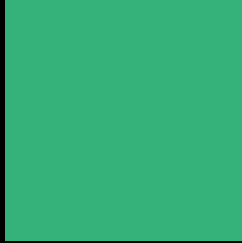
Large Text (above 18pt) WCAG AA × Fail

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 134.1270, -6.4716, -71.1484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

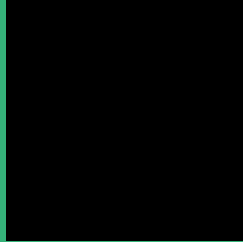
Any Text WCAG AA ✓ Pass

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 134.1270, -6.4716, -71.1484 Background



This preview shows how black text looks on a background with the YUV color 134.1270, -6.4716, -71.1484.



This preview shows how white text looks on a background with the YUV color 134.1270, -6.4716, -71.1484.

-71.1484.

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

134.1270, -6.4716, -71.1484

Protanopia

154.4580, -21.4248, 11.8763

Deuteranopia

156.9460, -14.7634, 21.9724



Tritanopia

144.0880, 19.6766, -57.9592

Trichromacy



Original Color

134.1270, -6.4716, -71.1484



Protanomaly

147.0520, -15.8016, -18.4626



Deuteranomaly

148.5350, -11.6028, -11.8702



Tritanomaly

140.5360, 10.0888, -62.7371

Monochromacy



Original Color

134.1270, -6.4716, -71.1484



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1510, -2.5394, -25.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.1270, -6.4716, -71.1484 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(53, 178, 121)` looks like.

```
.text, #text, p{  
    color:rgb(53, 178, 121)  
}
```

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(53, 178, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 178, 121) }
```

Border

The CSS property to change the border of an element to YUV 134.1270, -6.4716, -71.1484 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(53, 178, 121) }
```


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

```
.border{ border-color:rgb(53, 178, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 178, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 178, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 178, 121);  
box-shadow:4px 4px 4px 4px rgb(53, 178,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 134.1270, -6.4716, -71.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 178, 121) }
```

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

```
.background{ background-color: rgb(53, 178,  
121) }
```

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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