

Converting Colors

YUV(151.0560, -5.4506,
-71.9631)

Have a look what the booklet for
YUV(151.0560, -5.4506, -71.9631)
contains.

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Color

**YUV(151.0560, -5.4506,
-71.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	45C38C
RGB	69, 195, 140
RGB Percent	27%, 76%, 55%
CMY	0.7294, 0.2353, 0.4510
CMYK	0.65, 0.00, 0.28, 0.24
HSL	154°, 51%, 52%
HSV	154°, 65%, 76%
XYZ	26.7030, 42.1889, 31.5468
YIQ	151.0560, -57.4410, -43.8170

Conversions

Conversions Part 2

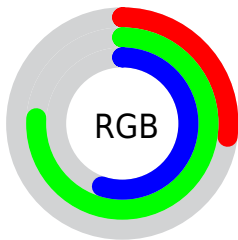
Format	Color
RYB	69, 150, 195
Decimal	4572044
CIELab	71.00, -47.53, 17.66
CIELCh	71, 50.705, 159.617
Yxy	42.1889, 0.2659, 0.4200
Android (android.graphics.Color)	4282762124 (0xFF45C38C)
YUV	151.0560, -5.4506, -71.9631
Hunter-Lab	64.9530, -40.2841, 16.6707

Details

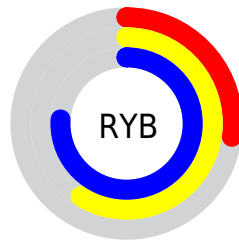
The YUV color **151.0560, -5.4506, -71.9631** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **112.9440, 5.4506, 71.9631**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9100, -7.3506, -69.2041**, and **92.4400, -1.2029, -81.0699** is the 20% darker color. If you saturate the color by 10%, you get **144.0500, -6.4336, -83.3588**, and if you desaturate by 10%, it is **158.0620, -4.4676, -60.5674**.

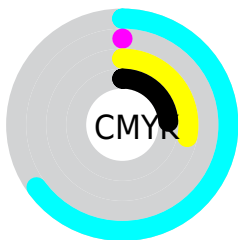
Distribution



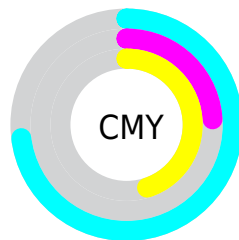
- Red (27%)
- Green (76%)
- Blue (55%)



- Red (27%)
- Yellow (59%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0560, -5.4506, -71.9631 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 151.0560, -5.4506, -71.9631 by changing the saturation by 10% instead.

■ 151.0560, -5.4506,
-71.9631

■ 151.0560, -5.4506,
-71.9631

■ 255.0000, 0.0000,
0.0000

■ 120.2940, -3.1029,
-78.3108

■ 208.9100, -7.3506,
-69.2041

■ 92.4400, -1.2029,
-81.0699

■ 222.5340, -0.2633,
-55.7193

■ 74.4420, -4.1619,
-65.2856

■ 234.6960, 7.5449,
-40.0754

■ 57.1450, -6.9735,
-50.1162

■ 243.9370, 5.4541,
-22.7467

■ 40.0760, -8.9115,
-35.1467

■ 252.9070, 1.0318,
-4.3034

■ 25.2410, -12.4438,
-22.1364

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 151.0560, -5.4506,
-71.9631

■ 151.0560, -5.4506,
-71.9631

■ 144.0500, -6.4336,
-83.3588

■ 158.0620, -4.4676,
-60.5674

■ 137.4570, -7.1273,
-94.2398

■ 164.6550, -3.7739,
-49.6864

■ 130.7500, -8.2577,
-105.0208

■ 171.6610, -2.7909,
-38.2907

■ 127.0050, -8.3835,
-111.3834

■ 178.2540, -2.0972,
-27.4098

■ 185.2600, -1.1142,
-16.0140

■ 191.8530, -0.4205,
-5.1331

■ 198.8590, 0.5625,
6.2627

■ 205.4520, 1.2562,
17.1436

■ 212.1590, 2.3866,
27.9246

Harmonies

Analogous

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



162.7190, -30.9205, -22.5556



151.0560, -5.4506, -71.9631



137.0710, 25.1080, -120.2113

Triad

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



151.0560, -5.4506, -71.9631



167.9850, 42.8984, -39.4518



173.8120, -28.0083, 70.3249

Complementary

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



151.0560, -5.4506, -71.9631



112.9440, 5.4506, 71.9631

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.



173.8440, -6.3321, 71.1738



151.0560, -5.4506, -71.9631



178.4050, 32.8313, 16.3078

Square

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



151.0560, -5.4506, -71.9631



138.8390, 57.2674, -121.7618



178.1360, 14.2300, 56.0087



171.7110, -41.7625, 48.4885

Rectangle

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



151.0560, -5.4506, -71.9631



139.9040, 38.5013, -122.6958



178.1360, 14.2300, 56.0087



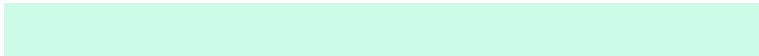
172.7720, -20.5936, 72.1140

Sweetspot

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



151.0560, -5.4506, -71.9631



235.3680, -1.6604, -27.5097



160.0050, -44.8655, -29.8224



117.5480, -1.2562, -17.1436



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



151.0560, -5.4506, -71.9631



183.5920, -8.6729, -111.8982



153.8040, 20.3096, -74.3731



93.5540, -0.2731, -5.7479



104.8810, -6.8433, -91.9806



21.5370, -1.2507, -18.8879

Inverse Universe

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



112.9440, 5.4506, 71.9631



124.2940, 8.2361, 111.9982



110.1960, -20.3096, 74.3731



90.4460, 0.2731, 5.7479



56.1190, 6.8433, 91.9806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 151.0560, -5.4506, -71.9631 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 151.0560, -5.4506, -71.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

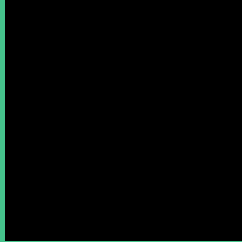
Any Text WCAG AA ✓ Pass

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 151.0560, -5.4506, -71.9631 Background



This preview shows how black text looks on a background with the YUV color 151.0560, -5.4506, -71.9631.



This preview shows how white text looks on a background with the YUV color 151.0560, -5.4506, -71.9631.

-71.9631.

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

151.0560, -5.4506, -71.9631

Protanopia

171.0990, -20.2618, 12.1912

Deuteranopia

173.2880, -13.4530, 21.6724



Tritanopia

160.3050, 20.5556, -59.9035

Trichromacy



Original Color

151.0560, -5.4506, -71.9631



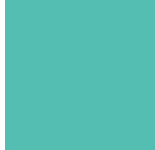
Protanomaly

163.6930, -14.6386, -18.1478



Deuteranomaly

165.4640, -10.5818, -12.6849



Tritanomaly

157.0520, 10.8204, -64.0666

Monochromacy



Original Color

151.0560, -5.4506, -71.9631



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9660, -1.9552, -26.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0560, -5.4506, -71.9631 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(69, 195, 140)` looks like.

```
.text, #text, p{  
    color:rgb(69, 195, 140)  
}
```

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(69, 195, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 195, 140) }
```

Border

The CSS property to change the border of an element to YUV 151.0560, -5.4506, -71.9631 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(69, 195, 140) }
```


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

```
.border{ border-color:rgb(69, 195, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 195, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 195, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 195, 140);  
box-shadow:4px 4px 4px 4px rgb(69, 195,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 151.0560, -5.4506, -71.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 195, 140) }
```

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

```
.background{ background-color: rgb(69, 195,  
140) }
```

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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