

Converting Colors

YUV(171.5500, -11.6102,
-103.0914)

Have a look what the booklet for
YUV(171.5500, -11.6102, -103.0914)
contains.

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Color

**YUV(171.5500, -11.6102,
-103.0914)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36EC94 |
| RGB | 54, 236, 148 |
| RGB Percent | 21%, 93%, 58% |
| CMY | 0.7882, 0.0745, 0.4196 |
| CMYK | 0.77, 0.00, 0.37, 0.07 |
| HSL | 151°, 83%, 57% |
| HSV | 151°, 77%, 93% |
| XYZ | 36.8621, 62.9133, 38.2176 |
| YIQ | 171.5500, -80.2240, -65.9520 |

Conversions

Conversions Part 2

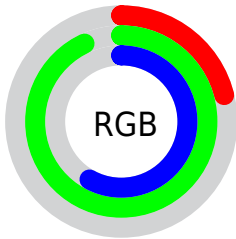
| Format | Color |
|-------------------------------------|---|
| RYB | 54, 174, 236 |
| Decimal | 3599508 |
| CIELab | 83.40, -63.81, 30.29 |
| CIELCh | 83, 70.632, 154.602 |
| Yxy | 62.9133, 0.2671, 0.4559 |
| Android (android.graphics.Color) | 4281789588 (0xFF36EC94) |
| YUV | 171.5500, -11.6102, -103.0914 |
| Hunter-Lab | 79.3179, -55.8505, 26.9549 |

Details

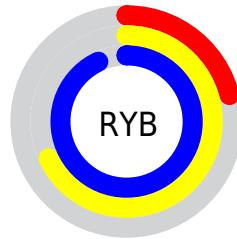
The YUV color **171.5500, -11.6102, -103.0914** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **118.4500, 11.6102, 103.0914**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0990, -3.9928, -72.8778**, and **116.0170, -9.8684, -101.7469** is the 20% darker color. If you saturate the color by 10%, you get **163.1200, -12.8772, -116.7462**, and if you desaturate by 10%, it is **179.9800, -10.3431, -89.4365**.

Distribution



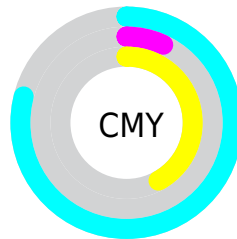
- Red (21%)
- Green (93%)
- Blue (58%)



- Red (21%)
- Yellow (68%)
- Blue (93%)



- Cyan (77%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (79%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5500, -11.6102, -103.0914 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 171.5500, -11.6102, -103.0914 by changing the saturation by 10% instead.

■ 171.5500,
-11.6102, -103.0914

■ 171.5500,
-11.6102, -103.0914

■ 255.0000, 0.0000,
0.0000

■ 135.4170, -6.6146,
-118.7607

■ 211.0990, -3.9928,
-72.8778

■ 116.0170, -9.8684,
-101.7469

■ 223.8590, 3.5205,
-56.0043

■ 96.8450, -12.2486,
-84.9331

■ 235.8640, 9.4340,
-39.3457

■ 78.2600, -14.9182,
-68.6340

■ 245.1330, 4.8644,
-20.2876

■ 60.2620, -17.8772,
-52.8498

■ 254.4020, 0.2948,
-1.2296

■ 42.2640, -20.8362,
-37.0655

■ 28.7630, -14.1802,

-25.2252

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 171.5500,
-11.6102, -103.0914

■ 171.5500,
-11.6102, -103.0914

■ 163.1200,
-12.8772, -116.7462

■ 179.9800,
-10.3431, -89.4365

■ 154.8750,
-14.7284, -129.6864

■ 188.2250, -8.4919,
-76.4963

■ 152.4400,
-15.0069, -133.6899


■ 196.6550, -7.2249,
-62.8414


■ 204.9000, -5.3737,
-49.9013

 213.3300, -4.1067,
-36.2464

 221.7600, -2.8397,
-22.5915

 230.0050, -0.9885,
-9.6514

 238.4350, 0.2785,
4.0035

 243.3910, 3.7512,
10.1811

Harmonies

Analogous

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



192.3710, -49.9759, -24.0044



171.5500, -11.6102, -103.0914



165.5040, 24.8945, -145.1470

Triad

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



171.5500, -11.6102, -103.0914



178.6300, 37.6504, -82.9905



184.4950, -23.9080, 61.8329

Complementary

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



171.5500, -11.6102, -103.0914



118.4500, 11.6102, 103.0914

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.



185.3340, 7.2303, 61.0971



171.5500, -11.6102, -103.0914



205.2280, 24.5376, 16.4630

Square

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



171.5500, -11.6102, -103.0914



164.0800, 44.8236, -143.8982



198.6480, 27.7815, 49.4207



193.3560, -53.4195, 54.0618

Rectangle

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



171.5500, -11.6102, -103.0914



169.9500, 41.9297, -149.0461



198.6480, 27.7815, 49.4207



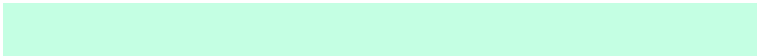
183.2530, -13.4357, 62.9221

Sweetspot

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



171.5500, -11.6102, -103.0914



234.1670, -3.5333, -33.4725



188.0430, -66.0832, -37.7487



115.1840, -2.5557, -20.3324



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.



171.5500, -11.6102, -103.0914



171.0270, -15.2963, -134.2047



181.5820, 26.8281, -111.8894



113.1410, -0.5625, -6.2627



116.9630, -11.3208, -102.5766



34.8900, -3.3968, -30.5985

Inverse Universe

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



118.4500, 11.6102, 103.0914



101.9730, 15.2963, 134.2047



108.4180, -26.8281, 111.8894



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 171.5500, -11.6102, -103.0914 looks on a white background.

Color Contrast Check

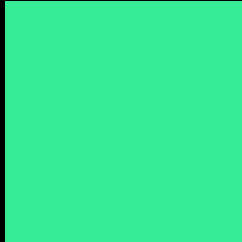
Large Text (above 18pt) WCAG AA × Fail

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 171.5500, -11.6102, -103.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

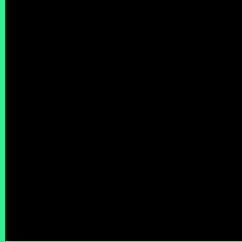
Any Text WCAG AA ✓ Pass

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 171.5500, -11.6102, -103.0914 Background



This preview shows how black text looks on a background with the YUV color 171.5500, -11.6102, -103.0914.

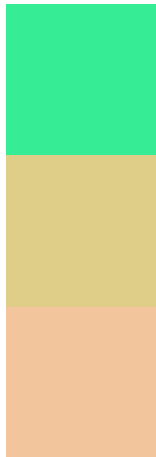


This preview shows how white text looks on a background with the YUV color 171.5500, -11.6102, -103.0914.

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

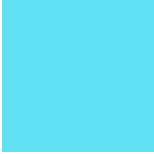
171.5500, -11.6102, -103.0914

Protanopia

203.1030, -33.0818, 17.4497

Deuteranopia

205.8950, -24.1052, 31.6641



Tritanopia

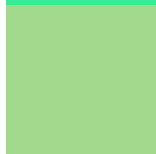
188.7800, 26.7305, -80.4911

Trichromacy



Original Color

171.5500, -11.6102, -103.0914



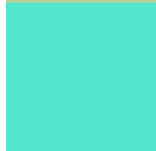
Protanomaly

191.7770, -25.5261, -26.1144



Deuteranomaly

193.4390, -19.4434, -17.0480



Tritanomaly

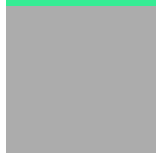
182.3540, 12.6435, -88.8875

Monochromacy



Original Color

171.5500, -11.6102, -103.0914



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.6180, -4.2487, -37.3760

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5500, -11.6102, -103.0914 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(54, 236, 148)` looks like.

```
.text, #text, p{  
    color:rgb(54, 236, 148)  
}
```

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(54, 236, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 236, 148) }
```

Border

The CSS property to change the border of an element to YUV 171.5500, -11.6102, -103.0914 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(54, 236, 148) }
```


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

```
.border{ border-color:rgb(54, 236, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 236, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 236, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 236, 148);  
box-shadow:4px 4px 4px 4px rgb(54, 236,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 171.5500, -11.6102, -103.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 236, 148) }
```

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

```
.background{ background-color: rgb(54, 236,  
148) }
```

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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