

Converting Colors

YUV(175.3780, -0.6794,
-109.0795)

Have a look what the booklet for
YUV(175.3780, -0.6794, -109.0795)
contains.

YUV(175.3780, -0.6794, -109.0795)	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(175.3780, -0.6794,
-109.0795)**

Conversions

Conversions Part 1

Format	Color
Hex	33EFAE
RGB	51, 239, 174
RGB Percent	20%, 94%, 68%
CMY	0.8000, 0.0627, 0.3176
CMYK	0.79, 0.00, 0.27, 0.06
HSL	159°, 85%, 57%
HSV	159°, 79%, 94%
XYZ	39.8717, 65.4928, 50.5843
YIQ	175.3780, -91.1830, -60.0710

Conversions

Conversions Part 2

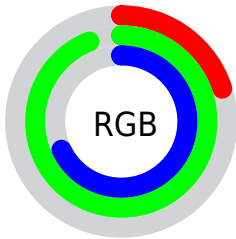
Format	Color
RYB	51, 165, 239
Decimal	3403694
CIELab	84.74, -59.92, 18.79
CIElCh	85, 62.794, 162.593
Yxy	65.4928, 0.2557, 0.4200
Android (android.graphics.Color)	4281593774 (0xFF33EFAE)
YUV	175.3780, -0.6794, -109.0795
Hunter-Lab	80.9276, -53.6793, 19.5898

Details

The YUV color **175.3780, -0.6794, -109.0795** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **114.6220, 0.6794, 109.0795**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8780, 7.9481, -76.1920**, and **120.6280, 0.1834, -105.7908** is the 20% darker color. If you saturate the color by 10%, you get **167.2900, -0.6360, -123.0343**, and if you desaturate by 10%, it is **183.4660, -0.7227, -95.1247**.

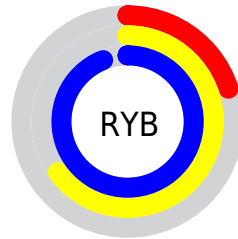
Distribution



Red (20%)

Green (94%)

Blue (68%)



Red (20%)

Yellow (65%)

Blue (94%)

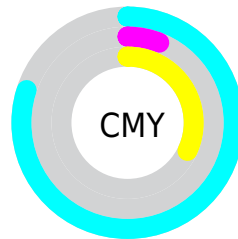


Cyan (79%)

Magenta (0%)

Yellow (27%)

Black (6%)



Cyan (80%)

Magenta (6%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3780, -0.6794, -109.0795 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 175.3780, -0.6794, -109.0795 by changing the saturation by 10% instead.

 175.3780, -0.6794,
-109.0795


 175.3780, -0.6794,
-109.0795

255.0000, 0.0000,
0.0000

 140.0280, 3.4372,
-122.8046


 213.8780, 7.9481,
-76.1920


 120.6280, 0.1834,
-105.7908


 226.2960, 14.1511,
-59.0186

 101.3420, -2.6336,
-88.8769


 235.8640, 9.4340,
-39.3457

 82.7570, -5.3032,
-72.5779

 245.1330, 4.8644,
-20.2876

 64.8730, -7.8254,
-56.8936

254.7010, 0.1474,
-0.6148

 47.2170, -9.4740,
-41.4093

 30.9800, -13.3011,

-27.1695

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 175.3780, -0.6794,
-109.0795

■ 175.3780, -0.6794,
-109.0795

■ 167.2900, -0.6360,
-123.0343

■ 183.4660, -0.7227,
-95.1247


■ 159.0880, -1.0294,
-136.8892

■ 191.6680, -0.3293,
-81.2698

■ 158.0770, -1.0240,
-138.6335


■ 199.7560, -0.3727,
-67.3150


■ 207.8440, -0.4161,
-53.3602

 215.6330, -0.3121,
-40.0201

 223.8350, 0.0813,
-26.1653

 231.9230, 0.0380,
-12.2105

 240.0110, -0.0054,
1.7444

 244.8100, 1.5727,
8.9366

Harmonies

Analogous

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



196.0350, -36.9923, -35.1107



175.3780, -0.6794, -109.0795



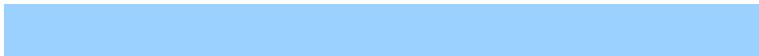
168.2570, 32.9043, -147.5614

Triad

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



175.3780, -0.6794, -109.0795



198.0980, 28.0527, -37.7969



193.6590, -29.4119, 53.7961

Complementary

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



175.3780, -0.6794, -109.0795



114.6220, 0.6794, 109.0795

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.



192.2980, -1.6259, 54.9897



175.3780, -0.6794, -109.0795



212.4040, 20.9998, 31.2177

Square

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



175.3780, -0.6794, -109.0795



162.9060, 45.4023, -142.8686



202.0730, 23.1350, 46.4170



202.2410, -52.3768, 46.2696

Rectangle

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



175.3780, -0.6794, -109.0795



169.9500, 41.9297, -149.0461



202.0730, 23.1350, 46.4170



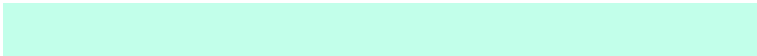
192.0750, -20.2500, 55.1852

Sweetspot

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



175.3780, -0.6794, -109.0795



234.3670, -0.1809, -35.4019



181.0900, -64.1344, -56.2069



115.4550, -0.2243, -21.4470



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.



175.3780, -0.6794, -109.0795



173.7780, -0.8766, -139.2483



166.3520, 35.8155, -101.1637



115.9560, 0.0217, -6.9774



121.6880, -0.8322, -106.7204



37.0900, -0.0444, -32.5279

Inverse Universe

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



114.6220, 0.6794, 109.0795



96.2220, 0.8766, 139.2483



123.6480, -35.8155, 101.1637



112.0440, -0.0217, 6.9774



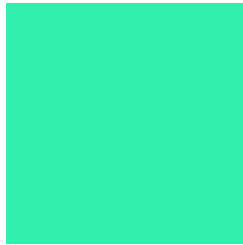
62.1980, 0.3954, 106.8204



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 175.3780, -0.6794, -109.0795 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 175.3780, -0.6794, -109.0795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

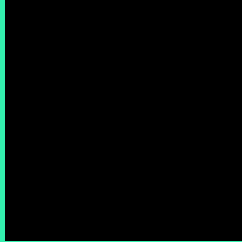
Any Text WCAG AA ✓ Pass

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 175.3780, -0.6794, -109.0795 Background



This preview shows how black text looks on a background with the YUV color 175.3780, -0.6794, -109.0795.



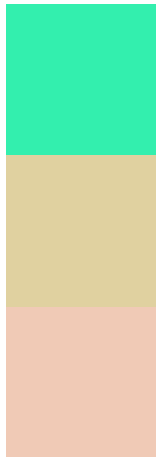
This preview shows how white text looks on a background with the YUV color 175.3780, -0.6794, -109.0795.

-109.0795.

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

175.3780, -0.6794, -109.0795

Protanopia

207.8990, -23.6142, 14.1206

Deuteranopia

211.0820, -14.3374, 25.3611



Tritanopia

189.9040, 28.6413, -86.7388

Trichromacy



Original Color

175.3780, -0.6794, -109.0795



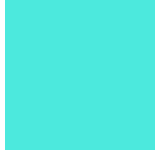
Protanomaly

196.0890, -15.3269, -30.7731



Deuteranomaly

197.7400, -9.2388, -23.4510



Tritanomaly

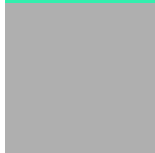
184.6890, 17.9013, -95.3203

Monochromacy



Original Color

175.3780, -0.6794, -109.0795



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0460, -0.0227, -39.5053

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3780, -0.6794, -109.0795 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, 239, 174)` looks like.

```
.text, #text, p{  
    color:rgb(51, 239, 174)  
}
```

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, 239, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 239, 174) }
```

Border

The CSS property to change the border of an element to YUV 175.3780, -0.6794, -109.0795 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, 239, 174) }
```


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

```
.border{ border-color:rgb(51, 239, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 239, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 239, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 239, 174);  
box-shadow:4px 4px 4px 4px rgb(51, 239,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 175.3780, -0.6794, -109.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 239, 174) }
```

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

```
.background{ background-color: rgb(51, 239,  
174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor