

Converting Colors

YUV(179.3860, -6.1063,
-95.0545)

Have a look what the booklet for
YUV(179.3860, -6.1063, -95.0545)
contains.

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Color

**YUV(179.3860, -6.1063,
-95.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	47EDA7
RGB	71, 237, 167
RGB Percent	28%, 93%, 65%
CMY	0.7216, 0.0706, 0.3451
CMYK	0.70, 0.00, 0.30, 0.07
HSL	155°, 82%, 60%
HSV	155°, 70%, 93%
XYZ	39.8578, 64.6980, 46.9465
YIQ	179.3860, -76.4660, -56.9620

Conversions

Conversions Part 2

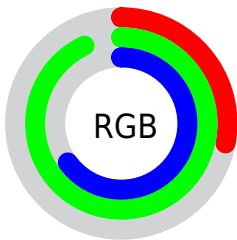
Format	Color
RYB	71, 176, 237
Decimal	4713895
CIELab	84.33, -58.20, 21.89
CIELCh	84, 62.177, 159.391
Yxy	64.6980, 0.2631, 0.4270
Android (android.graphics.Color)	4282903975 (0xFF47EDA7)
YUV	179.3860, -6.1063, -95.0545
Hunter-Lab	80.4351, -52.3097, 21.6995

Details

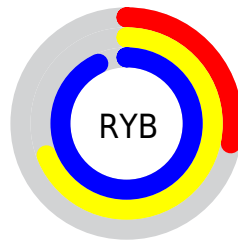
The YUV color **179.3860, -6.1063, -95.0545** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **128.6140, 6.1063, 95.0545**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2550, 2.8323, -68.6296**, and **118.7700, -1.8586, -104.1613** is the 20% darker color. If you saturate the color by 10%, you get **171.0700, -6.9365, -108.8094**, and if you desaturate by 10%, it is **187.7020, -5.2761, -81.2997**.

Distribution



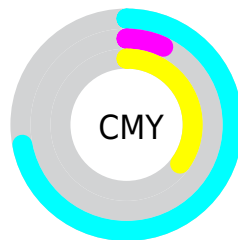
- Red (28%)
- Green (93%)
- Blue (65%)



- Red (28%)
- Yellow (69%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (72%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.3860, -6.1063, -95.0545 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 179.3860, -6.1063, -95.0545 by changing the saturation by 10% instead.

■ 179.3860, -6.1063,
-95.0545

■ 179.3860, -6.1063,
-95.0545

255.0000, 0.0000,
0.0000

■ 143.4380, -1.6949,
-110.0091

■ 216.2550, 2.8323,
-68.6296

■ 118.7700, -1.8586,
-104.1613

■ 229.1290, 10.7824,
-51.8561

■ 99.4840, -4.6756,
-87.2475

■ 238.8540, 7.9600,
-33.1980

■ 80.8990, -7.3452,
-70.9484

■ 247.8240, 3.5378,
-14.7546

■ 63.0150, -9.8674,
-55.2642

■ 45.8320, -12.2422,
-40.1947

■ 29.9370, -14.7589,

-26.2547

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 179.3860, -6.1063,
-95.0545

■ 179.3860, -6.1063,
-95.0545

■ 171.0700, -6.9365,
-108.8094

■ 187.7020, -5.2761,
-81.2997

■ 163.0530, -7.9141,
-121.9495


■ 195.7190, -4.2985,
-68.1596


■ 154.7370, -8.7443,
-135.7043

■ 204.0350, -3.4683,
-54.4047


■ 212.3510, -2.6380,
-40.6498

 220.3680, -1.6604,
-27.5097

 228.6840, -0.8302,
-13.7549

 237.0000, 0.0000,
0.0000

 243.5220, 1.7147,
10.0662

 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



195.7970, -39.3399, -28.7630



179.3860, -6.1063, -95.0545



166.8720, 30.1361, -146.3467

Triad

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



179.3860, -6.1063, -95.0545



194.7980, 29.6796, -46.3038



192.4680, -26.3597, 54.8406

Complementary

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



179.3860, -6.1063, -95.0545



128.6140, 6.1063, 95.0545

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.



192.2810, 0.8475, 55.0046



179.3860, -6.1063, -95.0545



210.8870, 21.7477, 24.6551

Square

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



179.3860, -6.1063, -95.0545



162.9060, 45.4023, -142.8686



203.1160, 24.5928, 45.5023



200.8220, -50.1982, 47.5141

Rectangle

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



179.3860, -6.1063, -95.0545



169.3630, 42.2190, -148.5314



203.1160, 24.5928, 45.5023



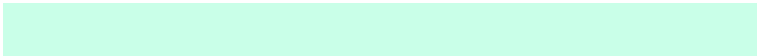
191.4710, -17.4872, 55.7149

Sweetspot

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



179.3860, -6.1063, -95.0545



236.2320, -2.0864, -30.8985



189.9700, -58.6522, -41.1927



116.8360, -1.3981, -18.2732



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.



179.3860, -6.1063, -95.0545



180.7540, -7.7667, -122.5643



180.9090, 27.6529, -96.3902



113.1410, -0.5625, -6.2627



118.2170, -6.5160, -103.6763



35.2320, -2.0864, -30.8985

Inverse Universe

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



128.6140, 6.1063, 95.0545



115.2460, 7.7667, 122.5643



127.0910, -27.6529, 96.3902



109.8590, 0.5625, 6.2627



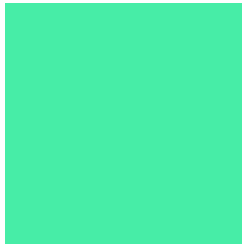
62.7830, 6.5160, 103.6763



18.7680, 2.0864, 30.8985

Previews

White Background



This preview shows how the YUV color 179.3860, -6.1063, -95.0545 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 179.3860, -6.1063, -95.0545 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 179.3860, -6.1063, -95.0545 Background



This preview shows how black text looks on a background with the YUV color 179.3860, -6.1063, -95.0545.



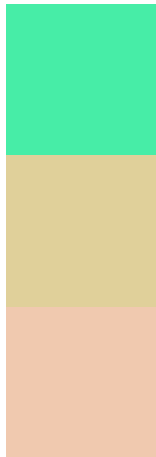
This preview shows how white text looks on a background with the YUV color 179.3860, -6.1063, -95.0545.

-95.0545.

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

179.3860, -6.1063, -95.0545

Protanopia

206.6280, -25.9456, 15.2352

Deuteranopia

209.6970, -17.1056, 26.5757



Tritanopia

191.9760, 26.1408, -78.0320

Trichromacy



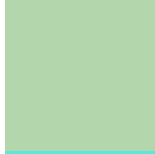
Original Color

179.3860, -6.1063, -95.0545



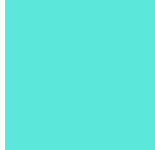
Protanomaly

196.9110, -18.6901, -25.3549



Deuteranomaly

198.7470, -13.1863, -17.3181



Tritanomaly

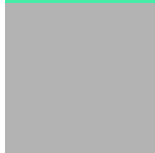
187.5440, 14.5218, -84.6691

Monochromacy



Original Color

179.3860, -6.1063, -95.0545



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.2100, -2.0755, -34.3872

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3860, -6.1063, -95.0545 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(71, 237, 167)` looks like.

```
.text, #text, p{  
    color:rgb(71, 237, 167)  
}
```

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(71, 237, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 237, 167) }
```

Border

The CSS property to change the border of an element to YUV 179.3860, -6.1063, -95.0545 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(71, 237, 167) }
```


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

```
.border{ border-color:rgb(71, 237, 167) }
```

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

Here you see how a box with a 4 pixel rgb(71, 237, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 237, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 237, 167);  
box-shadow:4px 4px 4px 4px rgb(71, 237,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 179.3860, -6.1063, -95.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 237, 167) }
```

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

```
.background{ background-color: rgb(71, 237,  
167) }
```

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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