

Converting Colors

YUV(179.6040, -10.1578,
-102.2617)

Have a look what the booklet for
YUV(179.6040, -10.1578, -102.2617)
contains.

YUV(179.6040, -10.1578, -102.2617)	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(179.6040, -10.1578,
-102.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	3FF39F
RGB	63, 243, 159
RGB Percent	25%, 95%, 62%
CMY	0.7529, 0.0471, 0.3765
CMYK	0.74, 0.00, 0.35, 0.05
HSL	152°, 88%, 60%
HSV	152°, 74%, 95%
XYZ	40.3585, 67.6611, 43.7337
YIQ	179.6040, -80.3160, -64.2840

Conversions

Conversions Part 2

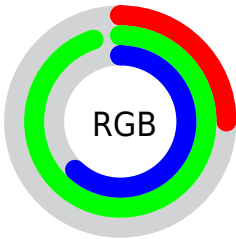
Format	Color
R_{YB}	63, 180, 243
Decimal	4191135
CIE _{Lab}	85.84, -63.14, 28.02
CIE _{LCh}	86, 69.077, 156.073
Yxy	67.6611, 0.2659, 0.4459
Android (android.graphics.Color)	4282381215 (0xFF3FF39F)
YUV	179.6040, -10.1578, -102.2617
Hunter-Lab	82.2564, -56.3690, 26.0565

Details

The YUV color **179.6040, -10.1578, -102.2617** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **126.3960, 10.1578, 102.2617**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1470, -0.0725, -70.2889**, and **120.7930, -6.7999, -105.9355** is the 20% darker color. If you saturate the color by 10%, you get **171.1740, -11.4248, -115.9166**, and if you desaturate by 10%, it is **188.0340, -8.8908, -88.6068**.

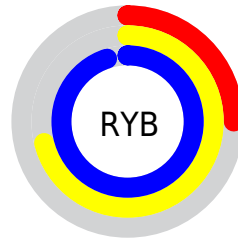
Distribution



Red (25%)

Green (95%)

Blue (62%)



Red (25%)

Yellow (71%)

Blue (95%)

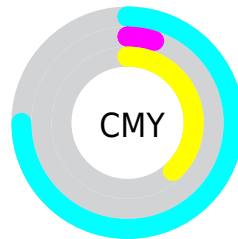


Cyan (74%)

Magenta (0%)

Yellow (35%)

Black (5%)



Cyan (75%)

Magenta (5%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.6040, -10.1578, -102.2617 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 179.6040, -10.1578, -102.2617 by changing the saturation by 10% instead.

■ 179.6040,
-10.1578, -102.2617

■ 179.6040,
-10.1578, -102.2617

255.0000, 0.0000,
0.0000

■ 140.7800, -3.8355,
-123.4641

■ 214.1470, -0.0725,
-70.2889

■ 120.7930, -6.7999,
-105.9355

■ 227.0210, 7.8776,
-53.5154

■ 102.0940, -9.9063,
-89.5364

■ 237.6580, 8.5496,
-35.6571

■ 82.9220, -12.2865,
-72.7226

■ 247.2260, 3.8326,
-15.9842

■ 65.0380, -14.8087,
-57.0383

■ 47.0400, -17.7677,
-41.2541

■ 32.2850, -15.9165,

-28.3139

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 179.6040,
-10.1578, -102.2617

■ 179.6040,
-10.1578, -102.2617

■ 171.1740,
-11.4248, -115.9166

■ 188.0340, -8.8908,
-88.6068

■ 162.3310,
-12.9812, -130.0863


■ 196.8770, -7.3344,
-74.4371

■ 157.4610,
-13.5383, -138.0933


■ 205.3070, -6.0674,
-60.7822


■ 213.7370, -4.8003,
-47.1273

 222.2810, -3.0965,
-33.5724

 231.0100, -1.9769,
-19.3028

 239.4400, -0.7099,
-5.6479

 247.3860, 1.2887,
6.6775

 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



199.3430, -47.4971, -25.7338



179.6040, -10.1578, -102.2617



170.7530, 27.2368, -149.7504

Triad

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



179.6040, -10.1578, -102.2617



189.9370, 32.0761, -68.3507



190.9350, -24.6180, 56.1850

Complementary

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



179.6040, -10.1578, -102.2617



126.3960, 10.1578, 102.2617

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.



191.0730, 6.3730, 56.0640



179.6040, -10.1578, -102.2617



212.3380, 21.0324, 20.7516

Square

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



179.6040, -10.1578, -102.2617



167.6020, 43.0872, -146.9870



203.3440, 25.4664, 45.3023



199.5510, -52.5296, 48.6288

Rectangle

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



179.6040, -10.1578, -102.2617



173.4720, 40.1933, -152.1349



203.3440, 25.4664, 45.3023



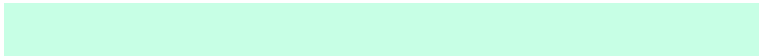
189.6930, -14.1456, 57.2742

Sweetspot

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



179.6040, -10.1578, -102.2617



235.2920, -3.1020, -31.8281



193.7760, -64.4726, -41.0226



116.0100, -1.9769, -19.3028



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.



179.6040, -10.1578, -102.2617



175.0430, -12.8392, -128.9567



185.6580, 28.2696, -107.5711



117.8420, -0.4151, -6.8774



120.4680, -10.5837, -105.6504



38.1670, -3.5333, -33.4725

Inverse Universe

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



126.3960, 10.1578, 102.2617



107.9570, 12.8392, 128.9567



120.3420, -28.2696, 107.5711



114.2720, 0.8519, 6.7775



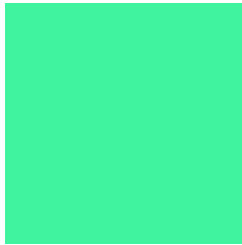
65.5320, 10.5837, 105.6504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 179.6040, -10.1578, -102.2617 looks on a white background.

Color Contrast Check

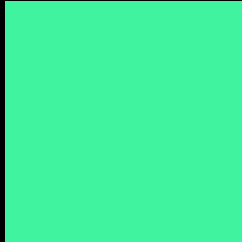
Large Text (above 18pt) WCAG AA × Fail

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 179.6040, -10.1578, -102.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

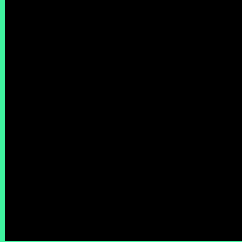
Any Text WCAG AA ✓ Pass

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 179.6040, -10.1578, -102.2617 Background



This preview shows how black text looks on a background with the YUV color 179.6040, -10.1578, -102.2617.



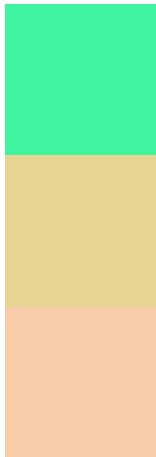
This preview shows how white text looks on a background with the YUV color 179.6040, -10.1578, -102.2617.

-102.2617.

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

179.6040, -10.1578, -102.2617

Protanopia

210.4450, -31.7714, 17.1497

Deuteranopia

213.0520, -22.2106, 30.6494



Tritanopia

195.4810, 26.8779, -81.1058

Trichromacy



Original Color

179.6040, -10.1578, -102.2617



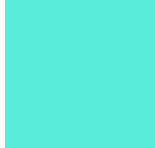
Protanomaly

199.2330, -23.7789, -26.5143



Deuteranomaly

200.8950, -17.6962, -17.4479



Tritanomaly

189.5820, 13.5171, -89.0874

Monochromacy



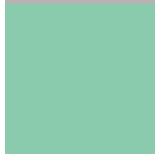
Original Color

179.6040, -10.1578, -102.2617



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.7320, -3.8119, -37.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.6040, -10.1578, -102.2617 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(63, 243, 159)` looks like.

```
.text, #text, p{  
    color:rgb(63, 243, 159)  
}
```

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(63, 243, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 243, 159) }
```

Border

The CSS property to change the border of an element to YUV 179.6040, -10.1578, -102.2617 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(63, 243, 159) }
```


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

```
.border{ border-color:rgb(63, 243, 159) }
```

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

Here you see how a box with a 4 pixel rgb(63, 243, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 243, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 243, 159);  
box-shadow:4px 4px 4px 4px rgb(63, 243,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 179.6040, -10.1578, -102.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 243, 159) }
```

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

```
.background{ background-color: rgb(63, 243,  
159) }
```

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