

Converting Colors

YUV(179.3400, 3.7764,
-91.5062)

Have a look what the booklet for
YUV(179.3400, 3.7764, -91.5062)
contains.

YUV(179.3400, 3.7764, -91.5062)	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(179.3400, 3.7764,
-91.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	4BE7BB
RGB	75, 231, 187
RGB Percent	29%, 91%, 73%
CMY	0.7059, 0.0941, 0.2667
CMYK	0.68, 0.00, 0.19, 0.09
HSL	163°, 76%, 60%
HSV	163°, 68%, 91%
XYZ	40.4472, 62.2355, 56.8946
YIQ	179.3400, -78.8520, -46.7560

Conversions

Conversions Part 2

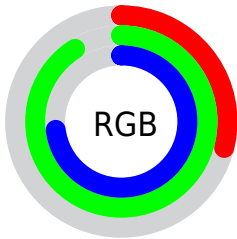
Format	Color
RYB	75, 166, 231
Decimal	4974523
CIELab	83.04, -50.80, 9.67
CIELCh	83, 51.716, 169.227
Yxy	62.2355, 0.2535, 0.3900
Android (android.graphics.Color)	4283164603 (0xFF4BE7BB)
YUV	179.3400, 3.7764, -91.5062
Hunter-Lab	78.8895, -46.5384, 12.4631

Details

The YUV color **179.3400, 3.7764, -91.5062** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **126.6600, -3.7764, 91.5062**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5460, 11.5628, -68.8848**, and **117.4140, 8.1769, -102.9721** is the 20% darker color. If you saturate the color by 10%, you get **171.6650, 4.1092, -104.9462**, and if you desaturate by 10%, it is **187.0150, 3.4436, -78.0662**.

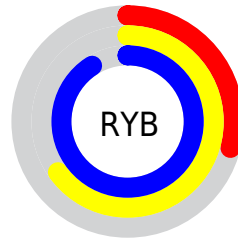
Distribution



Red (29%)

Green (91%)

Blue (73%)



Red (29%)

Yellow (65%)

Blue (91%)

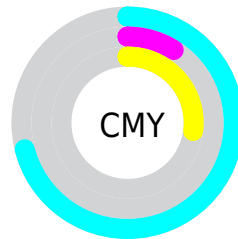


Cyan (68%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (71%)

Magenta (9%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.3400, 3.7764, -91.5062 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 179.3400, 3.7764, -91.5062 by changing the saturation by 10% instead.

179.3400, 3.7764,
-91.5062

179.3400, 3.7764,
-91.5062

255.0000, 0.0000,
0.0000

145.4850, 7.1559,
-102.1573

219.5460, 11.5628,
-68.8848

117.4140, 8.1769,
-102.9721

230.1830, 12.2348,
-51.0265

98.7150, 5.0705,
-86.5731

239.1530, 7.8126,
-32.5832

80.0160, 1.9641,
-70.1740

248.4220, 3.2430,
-13.5251

62.7190, -0.8475,
-55.0046

45.5360, -3.2222,
-39.9351

29.7550, -5.3022,

-26.0951

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 179.3400, 3.7764,
-91.5062

■ 179.3400, 3.7764,
-91.5062

■ 171.6650, 4.1092,
-104.9462

■ 187.0150, 3.4436,
-78.0662

■ 164.1040, 4.8787,
-118.4862


■ 194.5760, 2.6740,
-64.5262

■ 156.4290, 5.2115,
-131.9262


■ 202.2510, 2.3413,
-51.0861


■ 154.5210, 5.6591,
-135.5149


■ 209.8120, 1.5717,
-37.5461

 217.7860, 1.0915,
-23.4913

 225.3470, 0.3219,
-9.9513

 233.0220, -0.0108,
3.4887

 239.0880, -0.0434,
13.9548

 239.8860, 3.0142,
13.2550

Harmonies

Analogous

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



192.9990, -25.6355, -37.7101



179.3400, 3.7764, -91.5062



163.2020, 36.3824, -143.1282

Triad

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



179.3400, 3.7764, -91.5062



202.0730, 26.0930, -15.8500



197.8820, -31.0008, 50.0925

Complementary

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



179.3400, 3.7764, -91.5062



126.6600, -3.7764, 91.5062

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.



195.6260, -9.1826, 52.0710



179.3400, 3.7764, -91.5062



210.6540, 21.8626, 34.5064

Square

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



179.3400, 3.7764, -91.5062



182.4620, 35.7612, -83.7202



201.2120, 12.2205, 47.1721



204.1140, -46.3982, 41.9960

Rectangle

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



179.3400, 3.7764, -91.5062



164.0800, 44.8236, -143.8982



201.2120, 12.2205, 47.1721



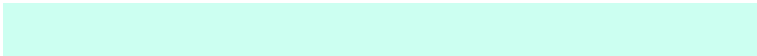
196.4290, -23.8755, 51.3668

Sweetspot

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



179.3400, 3.7764, -91.5062



238.1550, 1.4026, -29.9539



179.7280, -51.6309, -53.2585



117.7050, 0.6384, -18.1583



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.



179.3400, 3.7764, -91.5062



186.4950, 5.1790, -121.4601



164.3980, 32.8348, -78.4020



111.0700, 0.4585, -7.0774



119.6650, 4.1092, -104.9462



34.1550, 1.4026, -29.9539

Inverse Universe

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



126.6600, -3.7764, 91.5062



116.6190, -4.7422, 121.3601



141.6020, -32.8348, 78.4020



107.0440, -0.0217, 6.9774



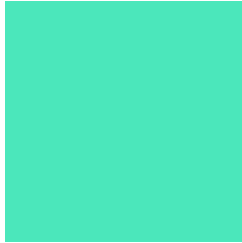
59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 179.3400, 3.7764, -91.5062 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 179.3400, 3.7764, -91.5062 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

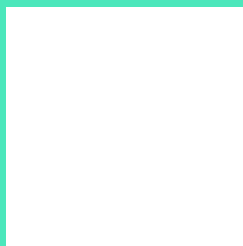
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.3400, 3.7764, -91.5062 Background



This preview shows how black text looks on a background with the YUV color 179.3400, 3.7764, -91.5062.



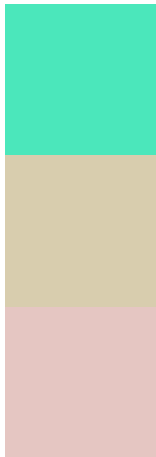
This preview shows how white text looks on a background with the YUV color 179.3400, 3.7764,

-91.5062.

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

179.3400, 3.7764, -91.5062

Protanopia

204.7550, -15.1622, 9.8619

Deuteranopia

206.8130, -6.3168, 19.4580



Tritanopia

188.6770, 26.2882, -78.6467

Trichromacy



Original Color

179.3400, 3.7764, -91.5062



Protanomaly

195.3590, -8.0650, -26.6248



Deuteranomaly

196.7710, -2.8451, -20.8472



Tritanomaly

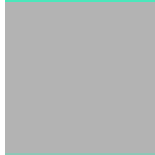
185.4670, 18.0108, -83.7246

Monochromacy



Original Color

179.3400, 3.7764, -91.5062



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.1330, 1.4134, -33.4426

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3400, 3.7764, -91.5062 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(75, 231, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 231, 187)  
}
```

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(75, 231, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 231, 187) }
```

Border

The CSS property to change the border of an element to YUV 179.3400, 3.7764, -91.5062 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(75, 231, 187) }
```


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

```
.border{ border-color:rgb(75, 231, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 231, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 231, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 231, 187);  
box-shadow:4px 4px 4px 4px rgb(75, 231,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 179.3400, 3.7764, -91.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 231, 187) }
```

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

```
.background{ background-color: rgb(75, 231,  
187) }
```

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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