

Converting Colors

YUV(194.4220, -0.7010,
-102.1021)

Have a look what the booklet for
YUV(194.4220, -0.7010, -102.1021)
contains.

YUV(194.4220, -0.7010, -102.1021)	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(194.4220, -0.7010,
-102.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	4EFEC1
RGB	78, 254, 193
RGB Percent	31%, 100%, 76%
CMY	0.6941, 0.0039, 0.2431
CMYK	0.69, 0.00, 0.24, 0.00
HSL	159°, 99%, 65%
HSV	159°, 69%, 100%
XYZ	48.2093, 76.3536, 62.6489
YIQ	194.4220, -85.3150, -56.2830

Conversions

Conversions Part 2

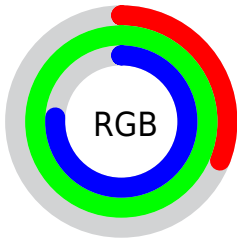
Format	Color
RYB	78, 184, 254
Decimal	5177025
CIELab	90.02, -58.25, 16.45
CIELCh	90, 60.525, 164.228
Yxy	76.3536, 0.2575, 0.4078
Android (android.graphics.Color)	4283367105 (0xFF4EFEC1)
YUV	194.4220, -0.7010, -102.1021
Hunter-Lab	87.3805, -54.4344, 18.6574

Details

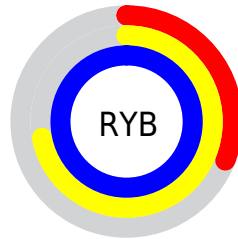
The YUV color **194.4220, -0.7010, -102.1021** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **137.5780, 0.7010, 102.1021**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8390, 13.8834, -66.5108**, and **130.8980, 3.9943, -114.7975** is the 20% darker color. If you saturate the color by 10%, you get **185.9210, -0.9471, -116.5717**, and if you desaturate by 10%, it is **202.9230, -0.4550, -87.6325**.

Distribution



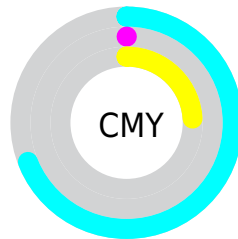
- Red (31%)
- Green (100%)
- Blue (76%)



- Red (31%)
- Yellow (72%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4220, -0.7010, -102.1021 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 194.4220, -0.7010, -102.1021 by changing the saturation by 10% instead.

194.4220, -0.7010,
-102.1021

194.4220, -0.7010,
-102.1021

255.0000, 0.0000,
0.0000

159.3710, 3.2681,
-115.2124

221.8390, 13.8834,
-66.5108

130.8980, 3.9943,
-114.7975

231.9770, 11.3503,
-47.3378

111.6120, 1.1773,
-97.8837

241.2460, 6.7807,
-28.2797

92.9130, -1.9291,
-81.4847

250.8140, 2.0637,
-8.6069

74.4420, -4.1619,
-65.2856

56.5580, -6.6841,
-49.6014

39.4890, -8.6221,

-34.6319

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 194.4220, -0.7010,
-102.1021

■ 194.4220, -0.7010,
-102.1021

■ 185.9210, -0.9471,
-116.5717

■ 202.9230, -0.4550,
-87.6325

■ 177.1210, -1.0457,
-131.6561

■ 211.7230, -0.3564,
-72.5481

■ 168.7340, -0.8549,
-146.2257

■ 220.1100, -0.5472,
-57.9785

■ 168.0220, -0.9968,
-147.3553

■ 228.9100, -0.4486,
-42.8941

■ 237.4110, -0.2026,
-28.4244

■ 245.9120, 0.0434,
-13.9548

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



211.3060, -34.6609, -36.2254



194.4220, -0.7010, -102.1021



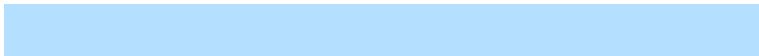
178.5270, 36.7152, -156.5682

Triad

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



194.4220, -0.7010, -102.1021



214.0900, 20.1686, -29.0199



205.8210, -28.5058, 43.1300

Complementary

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



194.4220, -0.7010, -102.1021



137.5780, 0.7010, 102.1021

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.



204.2320, -1.5934, 44.5235



194.4220, -0.7010, -102.1021



223.3020, 15.6271, 27.7991

Square

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



194.4220, -0.7010, -102.1021



170.5370, 41.6403, -149.5609



212.1490, 21.1255, 37.5803



213.6850, -49.1447, 36.2333

Rectangle

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



194.4220, -0.7010, -102.1021



178.1680, 37.8782, -156.2533



212.1490, 21.1255, 37.5803



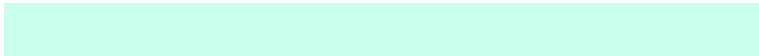
204.1230, -19.7806, 44.6191

Sweetspot

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



194.4220, -0.7010, -102.1021



236.6880, -0.3392, -31.2984



199.8500, -60.0720, -52.4884



117.0640, -0.5246, -18.4731



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.



194.4220, -0.7010, -102.1021



183.2900, -0.6360, -123.0343



186.1140, 33.4678, -94.8160



123.5430, -0.2677, -7.4922



126.3670, -0.6739, -110.8239



42.3560, -0.1755, -37.1462

Inverse Universe

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



137.5780, 0.7010, 102.1021



114.8240, 1.0728, 122.9344



145.8860, -33.4678, 94.8160



119.3430, -0.1691, 7.5922



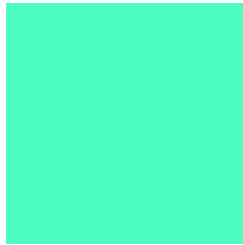
64.6330, 0.6739, 110.8239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 194.4220, -0.7010, -102.1021 looks on a white background.

Color Contrast Check

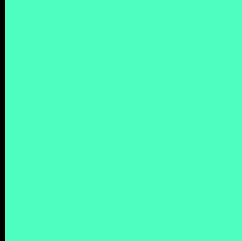
Large Text (above 18pt) WCAG AA × Fail

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 194.4220, -0.7010, -102.1021 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 194.4220, -0.7010, -102.1021 Background



This preview shows how black text looks on a background with the YUV color 194.4220, -0.7010, -102.1021.

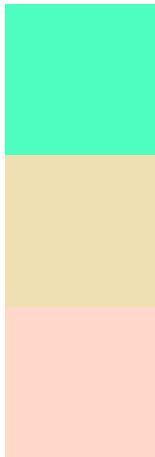


This preview shows how white text looks on a background with the YUV color 194.4220, -0.7010, -102.1021.

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

194.4220, -0.7010, -102.1021

Protanopia

223.3550, -21.8670, 13.7207

Deuteranopia

225.9510, -12.3008, 25.4760



Tritanopia

214.5010, 19.9660, -57.4444

Trichromacy



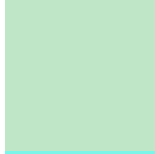
Original Color

194.4220, -0.7010, -102.1021



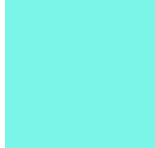
Protanomaly

212.7410, -14.1693, -28.7139



Deuteranomaly

214.6910, -8.2287, -20.7770



Tritanomaly

207.0400, 12.3053, -73.7031

Monochromacy



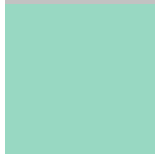
Original Color

194.4220, -0.7010, -102.1021



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.3560, -0.1755, -37.1462

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4220, -0.7010, -102.1021 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(78, 254, 193)` looks like.

```
.text, #text, p{  
    color:rgb(78, 254, 193)  
}
```

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(78, 254, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 254, 193) }
```

Border

The CSS property to change the border of an element to YUV 194.4220, -0.7010, -102.1021 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(78, 254, 193) }
```


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

```
.border{ border-color:rgb(78, 254, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 254, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 254, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 254, 193);  
box-shadow:4px 4px 4px 4px rgb(78, 254,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 194.4220, -0.7010, -102.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 254, 193) }
```

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

```
.background{ background-color: rgb(78, 254,  
193) }
```

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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