

Converting Colors

YUV(193.8420, -4.3591,
-95.4544)

Have a look what the booklet for
YUV(193.8420, -4.3591, -95.4544)
contains.

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Color

**YUV(193.8420, -4.3591,
-95.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	55FBB9
RGB	85, 251, 185
RGB Percent	33%, 98%, 73%
CMY	0.6667, 0.0157, 0.2745
CMYK	0.66, 0.00, 0.26, 0.02
HSL	156°, 95%, 66%
HSV	156°, 66%, 98%
XYZ	47.0004, 74.4284, 57.7879
YIQ	193.8420, -77.7500, -55.7180

Conversions

Conversions Part 2

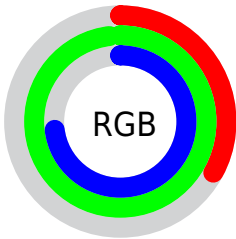
Format	Color
RYB	85, 189, 251
Decimal	5635001
CIELab	89.12, -57.73, 19.32
CIELCh	89, 60.881, 161.497
Yxy	74.4284, 0.2623, 0.4153
Android (android.graphics.Color)	4283825081 (0xFF55FBB9)
YUV	193.8420, -4.3591, -95.4544
Hunter-Lab	86.2719, -53.7301, 20.6759

Details

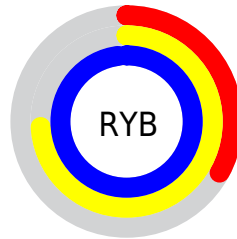
The YUV color **193.8420, -4.3591, -95.4544** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **142.1580, 4.3591, 95.4544**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3080, 9.2152, -62.5371**, and **128.3390, 1.8049, -112.5533** is the 20% darker color. If you saturate the color by 10%, you get **185.2270, -5.0419, -109.8241**, and if you desaturate by 10%, it is **202.4570, -3.6763, -81.0848**.

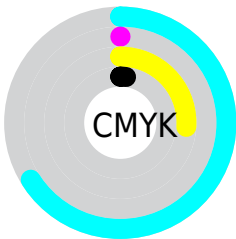
Distribution



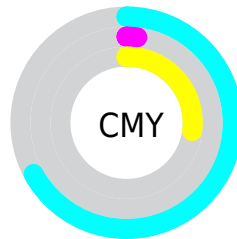
- Red (33%)
- Green (98%)
- Blue (73%)



- Red (33%)
- Yellow (74%)
- Blue (98%)



- Cyan (66%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)



- Cyan (67%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8420, -4.3591, -95.4544 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 193.8420, -4.3591, -95.4544 by changing the saturation by 10% instead.

193.8420, -4.3591,
-95.4544

193.8420, -4.3591,
-95.4544

255.0000, 0.0000,
0.0000

161.1830, -1.5692,
-103.6465

222.3080, 9.2152,
-62.5371

128.3390, 1.8049,
-112.5533

233.1730, 10.7607,
-44.8787

108.9390, -1.4489,
-95.5395

242.4420, 6.1911,
-25.8206

90.3540, -4.1185,
-79.2405

251.7110, 1.6215,
-6.7625

72.4700, -6.6407,
-63.5562

54.5860, -9.1629,
-47.8719

37.5170, -11.1009,

-32.9024

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 193.8420, -4.3591,
-95.4544

■ 193.8420, -4.3591,
-95.4544

■ 185.2270, -5.0419,
-109.8241

■ 202.4570, -3.6763,
-81.0848

■ 176.6120, -5.7247,
-124.1937

■ 211.0720, -2.9935,
-66.7151

■ 167.9970, -6.4075,
-138.5634

■ 219.6870, -2.3107,
-52.3455

■ 164.5510, -6.6806,
-144.3112

■ 228.3020, -1.6279,
-37.9759

■ 237.2160, -1.0925,
-22.9914

■ 245.8310, -0.4097,
-8.6218

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



209.0570, -37.0031, -31.6220



193.8420, -4.3591, -95.4544



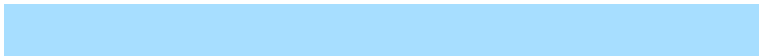
177.0280, 33.5102, -155.2536

Triad

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



193.8420, -4.3591, -95.4544



209.3170, 22.5217, -37.1120



203.1140, -26.1852, 45.5040

Complementary

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



193.8420, -4.3591, -95.4544



142.1580, 4.3591, 95.4544

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.



202.2260, 0.8746, 46.2828



193.8420, -4.3591, -95.4544



222.7150, 15.9165, 28.3139

Square

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



193.8420, -4.3591, -95.4544



169.9500, 41.9297, -149.0461



211.5620, 21.4149, 38.0951



211.2230, -48.4239, 38.3924

Rectangle

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



193.8420, -4.3591, -95.4544



176.9940, 38.4570, -155.2237



211.5620, 21.4149, 38.0951



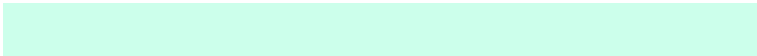
202.0030, -17.7495, 46.4784

Sweetspot

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



193.8420, -4.3591, -95.4544



237.4710, -1.2182, -29.3541



202.1760, -57.7678, -44.8814



117.2490, -1.1088, -17.7584



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.



193.8420, -4.3591, -95.4544



185.7810, -5.3150, -115.5719



191.3870, 29.3892, -93.3014



120.5430, -0.2677, -7.4922



123.9390, -4.8999, -108.6945



40.0250, -1.4913, -35.1019

Inverse Universe

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



142.1580, 4.3591, 95.4544



123.2190, 5.3150, 115.5719



144.6130, -29.3892, 93.3014



116.4570, 0.2677, 7.4922



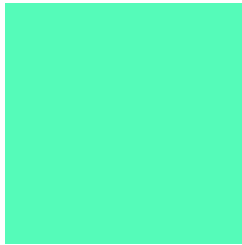
65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 193.8420, -4.3591, -95.4544 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 193.8420, -4.3591, -95.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

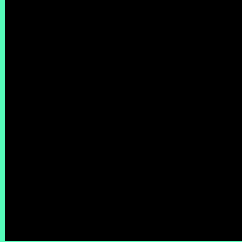
Any Text WCAG AA ✓ Pass

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 193.8420, -4.3591, -95.4544 Background



This preview shows how black text looks on a background with the YUV color 193.8420, -4.3591, -95.4544.



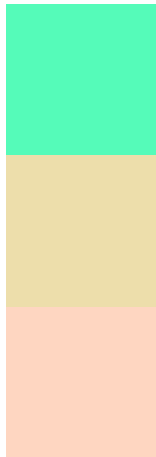
This preview shows how white text looks on a background with the YUV color 193.8420, -4.3591, -95.4544.

-95.4544.

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

193.8420, -4.3591, -95.4544

Protanopia

220.6710, -24.4878, 14.3205

Deuteranopia

223.5660, -15.0690, 26.6906



Tritanopia

210.0380, 22.1663, -63.1773

Trichromacy



Original Color

193.8420, -4.3591, -95.4544



Protanomaly

211.2530, -17.3797, -25.6549



Deuteranomaly

212.6160, -11.1497, -17.2032



Tritanomaly

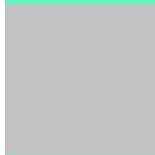
204.4420, 12.6001, -74.9326

Monochromacy



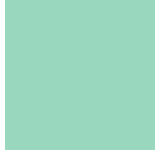
Original Color

193.8420, -4.3591, -95.4544



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.0250, -1.4913, -35.1019

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8420, -4.3591, -95.4544 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(85, 251, 185)` looks like.

```
.text, #text, p{  
    color:rgb(85, 251, 185)  
}
```

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(85, 251, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 251, 185) }
```

Border

The CSS property to change the border of an element to YUV 193.8420, -4.3591, -95.4544 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(85, 251, 185) }
```


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

```
.border{ border-color:rgb(85, 251, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 251, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 251, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 251, 185);  
box-shadow:4px 4px 4px 4px rgb(85, 251,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 193.8420, -4.3591, -95.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 251, 185) }
```

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

```
.background{ background-color: rgb(85, 251,  
185) }
```

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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