

Converting Colors

YUV(194.3720, 2.2816,
-31.8982)

Have a look what the booklet for
YUV(194.3720, 2.2816, -31.8982)
contains.

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Color

**YUV(194.3720, 2.2816,
-31.8982)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED4C7
RGB	158, 212, 199
RGB Percent	62%, 83%, 78%
CMY	0.3804, 0.1686, 0.2196
CMYK	0.25, 0.00, 0.06, 0.17
HSL	166°, 39%, 73%
HSV	166°, 25%, 83%
XYZ	47.9528, 58.4796, 62.7931
YIQ	194.3720, -28.0110, -15.4910

Conversions

Conversions Part 2

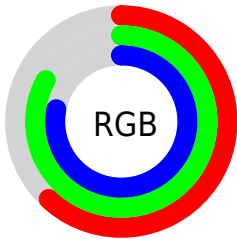
Format	Color
RYB	158, 189, 212
Decimal	10409159
CIELab	81.00, -20.08, 0.78
CIELCh	81, 20.097, 177.790
Yxy	58.4796, 0.2834, 0.3456
Android (android.graphics.Color)	4288599239 (0xFF9ED4C7)
YUV	194.3720, 2.2816, -31.8982
Hunter-Lab	76.4719, -21.8949, 4.8458

Details

The YUV color $194.3720, 2.2816, -31.8982$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.6280, -2.2816, 31.8982$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7410, 6.0437, -25.2059$, and $140.0840, 2.4236, -30.7687$ is the 20% darker color. If you saturate the color by 10%, you get $187.5230, 3.1932, -44.3087$, and if you desaturate by 10%, it is $201.2210, 1.3700, -19.4878$.

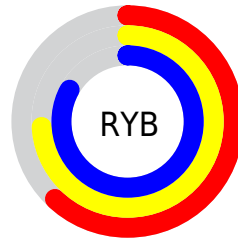
Distribution



Red (62%)

Green (83%)

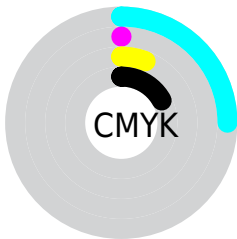
Blue (78%)



Red (62%)

Yellow (74%)

Blue (83%)

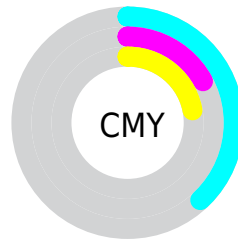


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (17%)



Cyan (38%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.3720, 2.2816, -31.8982 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 194.3720, 2.2816, -31.8982 by changing the saturation by 10% instead.

■ 194.3720, 2.2816,
-31.8982

■ 194.3720, 2.2816,
-31.8982

255.0000, 0.0000,
0.0000

■ 166.7850, 2.5710,
-31.3834

■ 242.7410, 6.0437,
-25.2059

■ 140.0840, 2.4236,
-30.7687

■ 251.1130, 1.9163,
-7.9921

■ 114.4970, 2.7130,
-30.2539

■ 89.4970, 2.7130,
-30.2539

■ 64.3120, 3.2972,
-30.9686

■ 39.6320, 4.6184,
-34.7573

■ 24.3240, 1.8123,

-21.3321

■ 4.3370, -1.1521,
-3.8035

■ 0.0000, 0.0000,
0.0000

■ 194.3720, 2.2816,
-31.8982

■ 194.3720, 2.2816,
-31.8982

■ 187.5230, 3.1932,
-44.3087

■ 201.2210, 1.3700,
-19.4878

■ 180.6740, 4.1047,
-56.7191

■ 208.0700, 0.4585,
-7.0774

■ 173.5260, 5.1637,
-69.7443

■ 215.2180, -0.6005,
5.9478

■ 166.6770, 6.0752,
-82.1547

■ 222.0670, -1.5120,
18.3582

■ 159.7140, 6.5500,
-94.4652

■ 226.3390, -0.6601,
25.1357

■ 152.8650, 7.4616,
-106.8756

■ 226.9090, 1.5239,
24.6358

■ 146.0160, 8.3731,
-119.2860

■ 227.4790, 3.7079,
24.1359

■ 142.7980, 8.9736,
-125.2338

■ 228.0490, 5.8918,
23.6360

■ 228.6190, 8.0758,
23.1361

Harmonies

Analogous

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



196.2290, -7.5079, -18.6178



194.3720, 2.2816, -31.8982



194.4450, 11.6126, -38.1013

Triad

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



194.3720, 2.2816, -31.8982



203.0120, 15.2771, -0.0105



202.3380, -15.9426, 26.8906

Complementary

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



194.3720, 2.2816, -31.8982



175.6280, -2.2816, 31.8982

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.



203.6790, -9.7017, 31.8535



194.3720, 2.2816, -31.8982



204.2870, 8.2395, 17.2883

Square

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



194.3720, 2.2816, -31.8982



199.5150, 18.9731, -18.8687



204.6600, -0.8184, 29.2392



200.3920, -17.9413, 14.5652

Rectangle

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



194.3720, 2.2816, -31.8982



195.3080, 16.1172, -36.2271



204.6600, -0.8184, 29.2392



203.1040, -14.3483, 28.8498

Sweetspot

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



194.3720, 2.2816, -31.8982



248.4500, 0.7642, -11.7956



193.8840, -17.6908, -19.1923



123.6570, 0.1691, -7.5922



0.0000, 0.0000, 0.0000



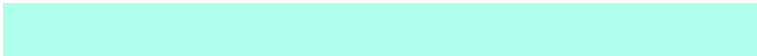
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



194.3720, 2.2816, -31.8982



229.2130, 3.3460, -46.6678



188.2230, 11.7221, -26.5056



103.4830, 0.7479, -6.5626



115.1970, 7.2979, -101.0278



29.0030, 1.9705, -25.4356

Inverse Universe

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



175.6280, -2.2816, 31.8982



201.7870, -3.3460, 46.6678



182.3640, -12.0115, 25.9908



99.6310, -0.3111, 6.4626



55.8030, -7.2979, 101.0278



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 194.3720, 2.2816, -31.8982 looks on a white background.

Color Contrast Check

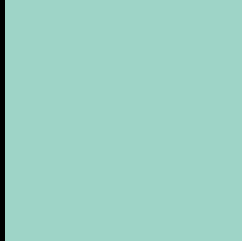
Large Text (above 18pt) WCAG AA × Fail

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 194.3720, 2.2816, -31.8982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

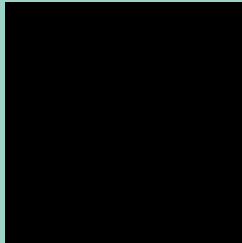
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

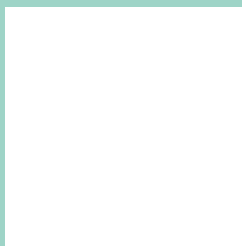
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 194.3720, 2.2816, -31.8982

Background



This preview shows how black text looks on a background with the YUV color 194.3720, 2.2816, -31.8982.



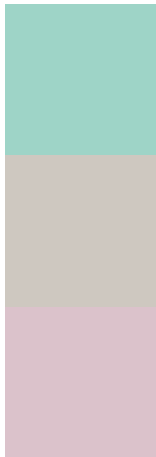
This preview shows how white text looks on a background with the YUV color 194.3720, 2.2816, -31.8982.

-31.8982.

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

194.3720, 2.2816, -31.8982

Protanopia

200.8820, -4.3788, 4.4885

Deuteranopia

202.5010, 0.2460, 14.4696



Tritanopia

196.4830, 14.0589, -29.3646

Trichromacy



Original Color

194.3720, 2.2816, -31.8982

Protanomaly

198.4890, -1.7201, -8.3219

Deuteranomaly

199.9180, 1.0264, -2.5591

Tritanomaly

195.4460, 10.1331, -30.2091

Monochromacy



Original Color

194.3720, 2.2816, -31.8982

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.4500, 0.7642, -11.7956

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.3720, 2.2816, -31.8982 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(158, 212, 199)` looks like.

```
.text, #text, p{  
    color:rgb(158, 212, 199)  
}
```

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(158, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 212, 199) }
```

Border

The CSS property to change the border of an element to YUV 194.3720, 2.2816, -31.8982 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(158, 212, 199) }
```


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

```
.border{ border-color:rgb(158, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(158, 212,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 194.3720, 2.2816, -31.8982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 212, 199) }
```

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

```
.background{ background-color: rgb(158,  
212, 199) }
```

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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