

Converting Colors

YUV(194.8240, 3.5378,
-14.7546)

Have a look what the booklet for
YUV(194.8240, 3.5378, -14.7546)
contains.

YUV(194.8240, 3.5378, -14.7546)	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(194.8240, 3.5378,
-14.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CACA
RGB	178, 202, 202
RGB Percent	70%, 79%, 79%
CMY	0.3020, 0.2078, 0.2078
CMYK	0.12, 0.00, 0.00, 0.21
HSL	180°, 18%, 75%
HSV	180°, 12%, 79%
XYZ	50.1413, 55.9703, 64.0377
YIQ	194.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

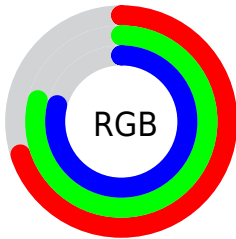
Format	Color
R_{YB}	178, 190, 202
Decimal	11717322
CIE _{Lab}	79.60, -8.05, -2.74
CIE _{LCh}	80, 8.504, 198.831
Yxy	55.9703, 0.2947, 0.3289
Android (android.graphics.Color)	4289907402 (0xFFB2CACA)
YUV	194.8240, 3.5378, -14.7546
Hunter-Lab	74.8133, -11.2892, 1.6190

Details

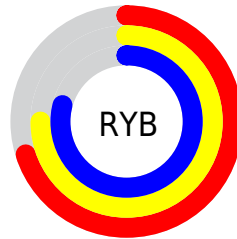
The YUV color $194.8240, 3.5378, -14.7546$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $185.1760, -3.5378, 14.7546$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $141.1230, 3.3904, -14.1399$ is the 20% darker color. If you saturate the color by 10%, you get $188.8440, 6.4859, -27.0502$, and if you desaturate by 10%, it is $200.8040, 0.5896, -2.4591$.

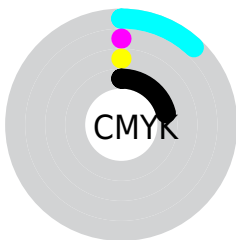
Distribution



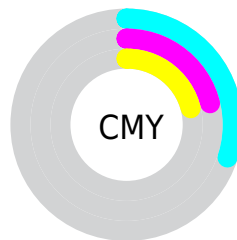
- Red (70%)
- Green (79%)
- Blue (79%)



- Red (70%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.8240, 3.5378, -14.7546 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 194.8240, 3.5378, -14.7546 by changing the saturation by 10% instead.

■ 194.8240, 3.5378,
-14.7546

■ 194.8240, 3.5378,
-14.7546

255.0000, 0.0000,
0.0000

■ 167.8240, 3.5378,
-14.7546

■ 248.7210, 3.0955,
-12.9103

■ 141.1230, 3.3904,
-14.1399

■ 115.4220, 3.2430,
-13.5251

■ 90.7210, 3.0955,
-12.9103

■ 67.7210, 3.0955,
-12.9103

■ 45.0200, 2.9481,
-12.2955

■ 23.7210, 3.0955,

-12.9103

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 194.8240, 3.5378,
-14.7546

■ 194.8240, 3.5378,
-14.7546

■ 188.8440, 6.4859,
-27.0502

■ 200.8040, 0.5896,
-2.4591

■ 182.8640, 9.4340,
-39.3457

■ 206.7840, -2.3585,
9.8364

■ 176.5850, 12.5296,
-52.2560

■ 213.0630, -5.4541,
22.7467

■ 170.6050, 15.4777,
-64.5516

■ 217.8470, -7.8126,
32.5832

■ 164.6250, 18.4259,
-76.8471

■ 158.6450, 21.3740,
-89.1427

■ 152.6650, 24.3222,
-101.4382

■ 146.3860, 27.4177,
-114.3485

■ 141.6020, 29.7762,
-124.1850

Harmonies

Analogous

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



195.1080, -0.5462, -11.4957



194.8240, 3.5378, -14.7546



195.6330, 6.5899, -13.7101

Triad

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



194.8240, 3.5378, -14.7546



198.8850, 4.4937, 5.3629



197.6930, -7.7366, 8.1622

Complementary

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



194.8240, 3.5378, -14.7546



185.1760, -3.5378, 14.7546

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.



198.1820, -6.0057, 12.9954



194.8240, 3.5378, -14.7546



199.0060, 0.9830, 11.3957

Square

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



194.8240, 3.5378, -14.7546



197.5250, 7.1362, -2.2144



198.8770, -3.3904, 14.1399



196.1760, -6.9888, 1.5996

Rectangle

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



194.8240, 3.5378, -14.7546



196.2850, 7.7475, -11.6509



198.8770, -3.3904, 14.1399



197.8180, -7.3053, 9.8066

Sweetspot

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



194.8240, 3.5378, -14.7546



252.0100, 1.4741, -6.1478



192.0880, -6.9454, -12.3552



125.9070, 1.0318, -4.3034



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.



194.8240, 3.5378, -14.7546



244.2360, 5.3067, -22.1320



187.7800, 7.0105, -8.5771



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



187.9120, 6.9454, 12.3552



233.8680, 10.4181, 18.5328



192.2200, -7.0105, 8.5771



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 194.8240, 3.5378, -14.7546 looks on a white background.

Color Contrast Check

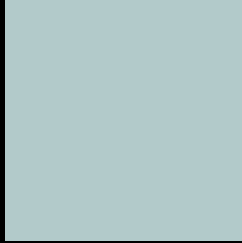
Large Text (above 18pt) WCAG AA × Fail

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 194.8240, 3.5378, -14.7546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

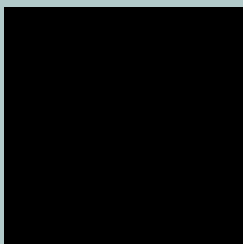
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

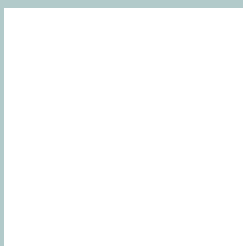
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 194.8240, 3.5378, -14.7546

Background



This preview shows how black text looks on a background with the YUV color 194.8240, 3.5378, -14.7546.



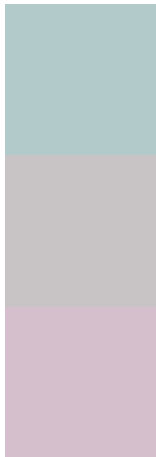
This preview shows how white text looks on a background with the YUV color 194.8240, 3.5378, -14.7546.

-14.7546.

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

194.8240, 3.5378, -14.7546

Protanopia

197.4240, 0.2840, 2.2592

Deuteranopia

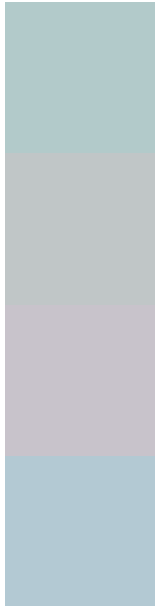
199.0600, 2.4354, 12.2254



Tritanopia

195.8440, 9.9369, -13.8952

Trichromacy



Original Color

194.8240, 3.5378, -14.7546

Protanomaly

196.3200, 1.3212, -3.7886

Deuteranomaly

197.4070, 2.7573, 2.2741

Tritanomaly

195.5620, 7.6109, -14.5249

Monochromacy



Original Color

194.8240, 3.5378, -14.7546

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.3090, 1.3267, -5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.8240, 3.5378, -14.7546 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(178, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 202)  
}
```

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(178, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 202) }
```

Border

The CSS property to change the border of an element to YUV 194.8240, 3.5378, -14.7546 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(178, 202, 202) }
```


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

```
.border{ border-color:rgb(178, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 194.8240, 3.5378, -14.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 202) }
```

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

```
.background{ background-color: rgb(178,  
202, 202) }
```

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