

Converting Colors

YUV(228.7910, 3.5540,
-19.9877)

Have a look what the booklet for
YUV(228.7910, 3.5540, -19.9877)
contains.

YUV(228.7910, 3.5540, -19.9877)	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(228.7910, 3.5540,
-19.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	CEEFECC
RGB	206, 239, 236
RGB Percent	81%, 94%, 93%
CMY	0.1922, 0.0627, 0.0745
CMYK	0.14, 0.00, 0.01, 0.06
HSL	175°, 51%, 87%
HSV	175°, 14%, 94%
XYZ	71.4604, 80.9109, 91.2079
YIQ	228.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

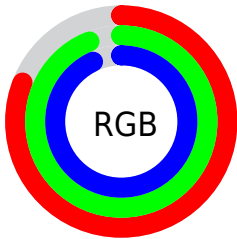
Format	Color
R _Y B	206, 223, 239
Decimal	13561836
CIE Lab	92.09, -11.26, -2.17
CIE LCh	92, 11.469, 190.894
Yxy	80.9109, 0.2934, 0.3322
Android (android.graphics.Color)	4291751916 (0xFFCEEFECE)
YUV	228.7910, 3.5540, -19.9877
Hunter-Lab	89.9505, -15.6056, 2.8466

Details

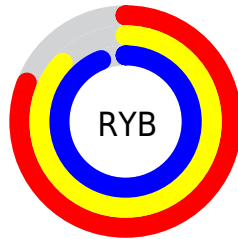
The YUV color $228.7910, 3.5540, -19.9877$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.2090, -3.5540, 19.9877$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.0900, 3.4066, -19.3729$ is the 20% darker color. If you saturate the color by 10%, you get $221.3870, 6.2182, -34.5424$, and if you desaturate by 10%, it is $236.1950, 0.8899, -5.4330$.

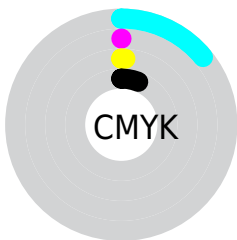
Distribution



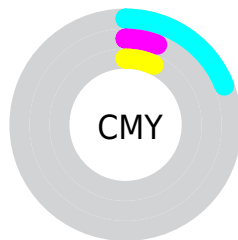
- Red (81%)
- Green (94%)
- Blue (93%)



- Red (81%)
- Yellow (87%)
- Blue (94%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7910, 3.5540, -19.9877 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 228.7910, 3.5540, -19.9877 by changing the saturation by 10% instead.

■ 228.7910, 3.5540,
-19.9877

■ 228.7910, 3.5540,
-19.9877

255.0000, 0.0000,
0.0000

■ 200.7910, 3.5540,
-19.9877

■ 173.0900, 3.4066,
-19.3729

■ 146.3890, 3.2592,
-18.7582

■ 120.8020, 3.5486,
-18.2434

■ 95.8020, 3.5486,
-18.2434

■ 72.1010, 3.4012,
-17.6286

■ 49.1010, 3.4012,

-17.6286

■ 27.1010, 3.4012,
-17.6286

■ 9.5860, 1.1901,
-8.4069

■ 228.7910, 3.5540,
-19.9877

■ 228.7910, 3.5540,
-19.9877

■ 221.3870, 6.2182,
-34.5424

■ 236.1950, 0.8899,
-5.4330

■ 213.9830, 8.8824,
-49.0971

■ 243.5990, -1.7743,
9.1217

■ 206.4650, 11.1098,
-63.5518

■ 244.2400, -0.6113,
9.4365

■ 199.0610, 13.7739,
-78.1065

■ 244.4680, 0.2623,
9.2366

■ 191.6570, 16.4381,
-92.6612

■ 244.6960, 1.1359,
9.0366

■ 184.5520, 18.9549,
-106.6011

■ 244.9240, 2.0095,
8.8367

■ 177.1480, 21.6190,
-121.1558

■ 245.1520, 2.8831,
8.6367

■ 169.7440, 24.2832,
-135.7105

■ 245.3800, 3.7567,
8.4367

■ 165.0310, 25.6207,
-144.7322

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



229.0430, -1.9932, -14.0697



228.7910, 3.5540, -19.9877



229.3440, 8.2114, -20.4727

Triad

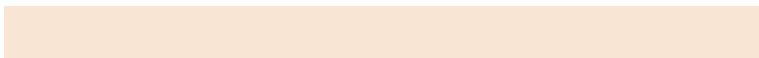
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.7910, 3.5540, -19.9877



233.9820, 7.4039, 5.2778



232.7430, -10.2263, 13.3804

Complementary

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



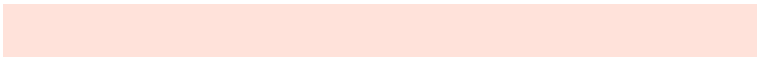
228.7910, 3.5540, -19.9877



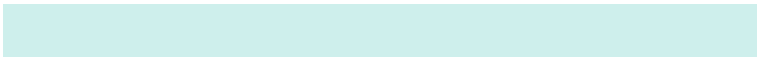
216.2090, -3.5540, 19.9877

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.



233.7590, -7.7692, 18.6284



228.7910, 3.5540, -19.9877



234.7720, 2.5774, 13.3550

Square

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



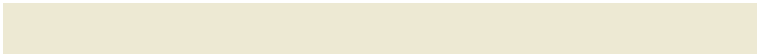
228.7910, 3.5540, -19.9877



232.7140, 10.4940, -5.8882



234.4260, -2.6750, 18.0434



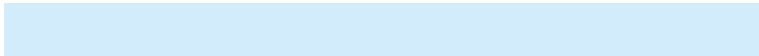
231.6880, -10.1992, 4.6586

Rectangle

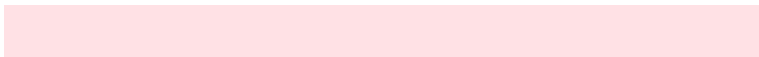
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



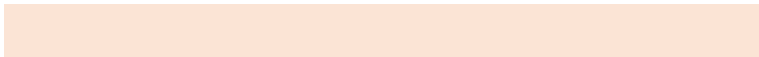
228.7910, 3.5540, -19.9877



229.9360, 10.3846, -17.4839



234.4260, -2.6750, 18.0434



233.1670, -9.9423, 15.6395

Sweetspot

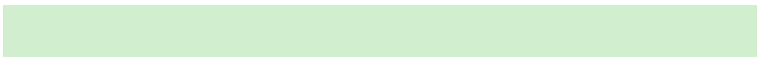
The Sweet Spot groups the original color and five complimentary colors.



228.7910, 3.5540, -19.9877



251.8960, 1.0373, -6.0478



226.2680, -9.9921, -15.1440



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



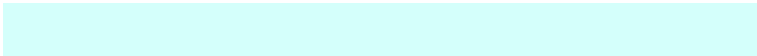
128.0000, 0.0000, 0.0000

Same Dimension

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



228.7910, 3.5540, -19.9877



241.6870, 4.5913, -26.0355



221.5020, 8.6265, -13.5953



116.2980, 1.3321, -7.2773



127.0460, 19.6973, -111.4193



38.6860, 6.0708, -33.9276

Inverse Universe

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



216.2090, -3.5540, 19.9877



225.3130, -4.5913, 26.0355



223.4980, -8.6265, 13.5953



111.7020, -1.3321, 7.2773



56.9540, -19.6973, 111.4193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 228.7910, 3.5540, -19.9877 looks on a white background.

Color Contrast Check

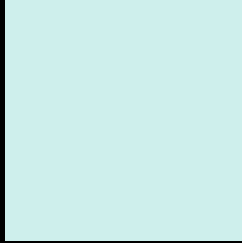
Large Text (above 18pt) WCAG AA × Fail

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 228.7910, 3.5540, -19.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

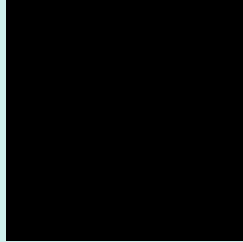
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

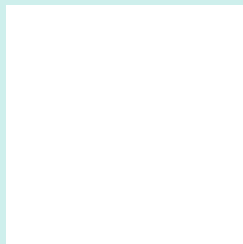
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.7910, 3.5540, -19.9877

Background



This preview shows how black text looks on a background with the YUV color 228.7910, 3.5540, -19.9877.



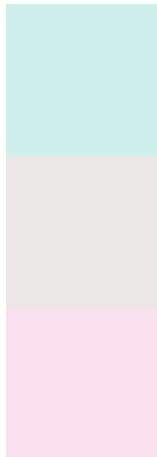
This preview shows how white text looks on a background with the YUV color 228.7910, 3.5540,

-19.9877.

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

228.7910, 3.5540, -19.9877

Protanopia

232.4950, -0.7370, 3.0739

Deuteranopia

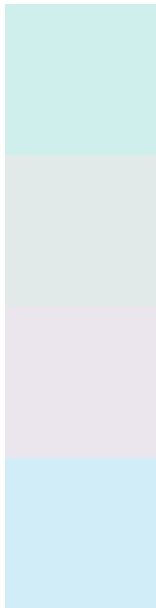
234.3700, 2.2826, 14.5845



Tritanopia

230.0930, 12.2792, -18.4986

Trichromacy



Original Color

228.7910, 3.5540, -19.9877

Protanomaly

231.1950, 0.8899, -5.4330

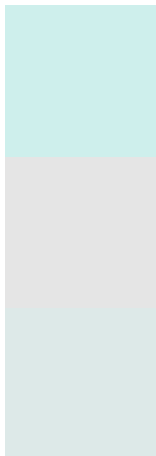
Deuteranomaly

232.4070, 2.7573, 2.2741

Tritanomaly

229.5830, 9.0796, -18.9283

Monochromacy



Original Color

228.7910, 3.5540, -19.9877

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.2980, 1.3321, -7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7910, 3.5540, -19.9877 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(206, 239, 236)` looks like.

```
.text, #text, p{  
    color:rgb(206, 239, 236)  
}
```

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(206, 239, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 239, 236) }
```

Border

The CSS property to change the border of an element to YUV 228.7910, 3.5540, -19.9877 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(206, 239, 236) }
```


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

```
.border{ border-color:rgb(206, 239, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 239, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 239, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 239, 236);  
box-shadow:4px 4px 4px 4px rgb(206, 239,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 228.7910, 3.5540, -19.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 239, 236) }
```

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

```
.background{ background-color: rgb(206,  
239, 236) }
```

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