

Converting Colors

YUV(219.3850, -0.6828,
-14.3696)

Have a look what the booklet for
YUV(219.3850, -0.6828, -14.3696)
contains.

YUV(219.3850, -0.6828, -14.3696)	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(219.3850, -0.6828,
-14.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE4DA
RGB	203, 228, 218
RGB Percent	80%, 89%, 85%
CMY	0.2039, 0.1059, 0.1451
CMYK	0.11, 0.00, 0.04, 0.11
HSL	156°, 32%, 85%
HSV	156°, 11%, 89%
XYZ	65.0269, 73.2453, 77.0401
YIQ	219.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

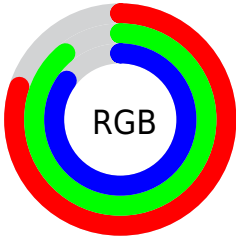
Format	Color
R_{YB}	203, 219, 228
Decimal	13362394
CIE _{Lab}	88.56, -10.13, 2.07
CIE _{LCh}	89, 10.341, 168.471
Y _{xy}	73.2453, 0.3020, 0.3402
Android (android.graphics.Color)	4291552474 (0xFFCBE4DA)
YUV	219.3850, -0.6828, -14.3696
Hunter-Lab	85.5835, -14.1455, 6.5370

Details

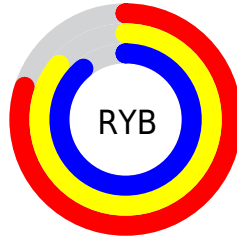
The YUV color **219.3850, -0.6828, -14.3696** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211.6150, 0.6828, 14.3696**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **164.6840, -0.8302, -13.7549** is the 20% darker color. If you saturate the color by 10%, you get **211.4820, -1.2236, -27.6097**, and if you desaturate by 10%, it is **227.2880, -0.1420, -1.1296**.

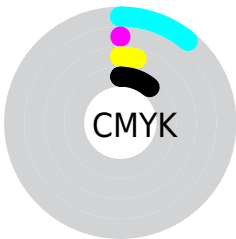
Distribution



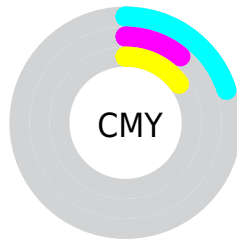
- Red (80%)
- Green (89%)
- Blue (85%)



- Red (80%)
- Yellow (86%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.3850, -0.6828, -14.3696 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 219.3850, -0.6828, -14.3696 by changing the saturation by 10% instead.

■ 219.3850, -0.6828,
-14.3696

■ 219.3850, -0.6828,
-14.3696

255.0000, 0.0000,
0.0000

■ 191.6840, -0.8302,
-13.7549

■ 164.6840, -0.8302,
-13.7549

■ 138.0970, -0.5408,
-13.2401

■ 112.5100, -0.2514,
-12.7253

■ 87.8090, -0.3988,
-12.1105

■ 64.8090, -0.3988,
-12.1105

■ 42.2220, -0.1094,

-11.5957

■ 21.0370, 0.4748,
-12.3104

■ 0.0000, 0.0000,
0.0000

■ 219.3850, -0.6828,
-14.3696

■ 219.3850, -0.6828,
-14.3696

■ 211.4820, -1.2236,
-27.6097

■ 227.2880, -0.1420,
-1.1296

■ 203.5790, -1.7644,
-40.8498

■ 235.1910, 0.3988,
12.1105

■ 195.9750, -2.4527,
-53.4751

■ 238.0110, 3.4456,
14.8994

■ 188.0720, -2.9935,
-66.7151

■ 239.0370, 7.3768,
13.9996

■ 180.0550, -3.9711,
-79.8552

■ 239.1510, 7.8136,
13.8996

■ 172.1520, -4.5119,
-93.0953

■ 164.2490, -5.0528,
-106.3354

■ 156.6450, -5.7410,
-118.9607

■ 149.4540, -6.1398,
-131.0712

Harmonies

Analogous

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



219.8760, -5.3619, -6.9073



219.3850, -0.6828, -14.3696



219.0300, 4.4222, -18.4433

Triad

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



219.3850, -0.6828, -14.3696



222.9810, 8.8834, -2.6143



223.4490, -7.6164, 16.2692

Complementary

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



219.3850, -0.6828, -14.3696



211.6150, 0.6828, 14.3696

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.



224.3720, -4.1274, 17.2138



219.3850, -0.6828, -14.3696



224.1240, 5.3619, 6.9073

Square

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



219.3850, -0.6828, -14.3696



221.1540, 9.7841, -11.5361



224.3160, 0.8302, 13.7549



222.5470, -9.6367, 10.9213

Rectangle

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



219.3850, -0.6828, -14.3696



219.4260, 7.1850, -17.9136



224.3160, 0.8302, 13.7549



223.9760, -6.8902, 16.6840

Sweetspot

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



219.3850, -0.6828, -14.3696



252.2660, -0.1311, -4.6183



220.6650, -8.7088, -6.7222



125.8640, -0.4260, -3.3887



0.0000, 0.0000, 0.0000



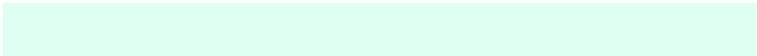
128.0000, 0.0000, 0.0000

Same Dimension

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



219.3850, -0.6828, -14.3696



243.6510, -0.8139, -18.9879



219.3510, 4.2640, -14.3398



110.8420, -0.4151, -6.8774



117.2710, -5.0636, -102.8467



33.4710, -1.2182, -29.3541

Inverse Universe

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



211.6150, 0.6828, 14.3696



233.3490, 0.8139, 18.9879



211.6490, -4.2640, 14.3398



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 219.3850, -0.6828, -14.3696 looks on a white background.

Color Contrast Check

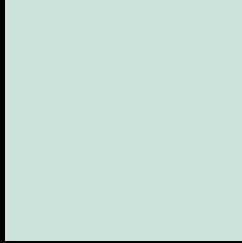
Large Text (above 18pt) WCAG AA × Fail

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 219.3850, -0.6828, -14.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

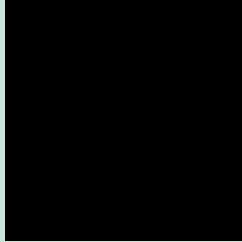
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

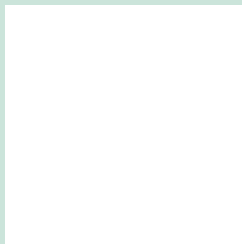
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.3850, -0.6828, -14.3696

Background



This preview shows how black text looks on a background with the YUV color 219.3850, -0.6828, -14.3696.



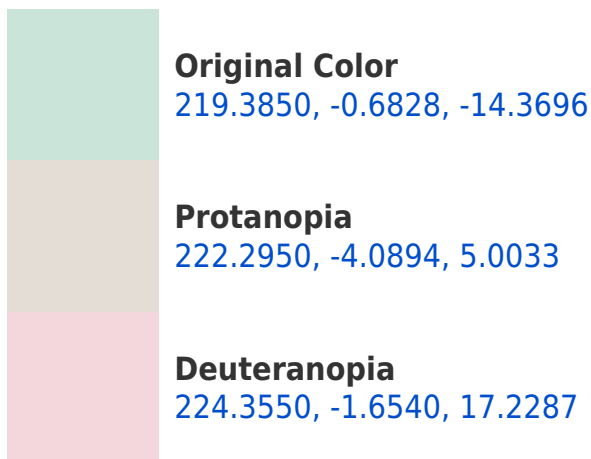
This preview shows how white text looks on a background with the YUV color 219.3850, -0.6828,

-14.3696.

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

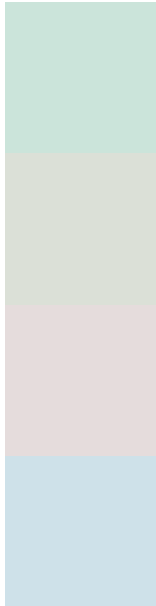




Tritanopia

220.9690, 10.3683, -12.2508

Trichromacy



Original Color

219.3850, -0.6828, -14.3696

Protanomaly

221.4790, -3.1941, -2.1741

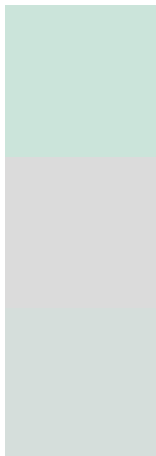
Deuteranomaly

222.6910, -1.3267, 5.5330

Tritanomaly

220.2310, 6.2951, -12.4806

Monochromacy



Original Color

219.3850, -0.6828, -14.3696

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.3850, -0.6828, -14.3696 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(203, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(203, 228, 218)  
}
```

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(203, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 228, 218) }
```

Border

The CSS property to change the border of an element to YUV 219.3850, -0.6828, -14.3696 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(203, 228, 218) }
```


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

```
.border{ border-color:rgb(203, 228, 218) }
```

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

Here you see how a box with a 4 pixel rgb(203, 228, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(203, 228,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 219.3850, -0.6828, -14.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 228, 218) }
```

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

```
.background{ background-color: rgb(203,  
228, 218) }
```

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