

Converting Colors

YUV(219.3960, -13.9992,
10.1767)

Have a look what the booklet for
YUV(219.3960, -13.9992, 10.1767)
contains.

YUV(219.3960, -13.9992, 10.1767)	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(219.3960, -13.9992,
10.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DBBF
RGB	231, 219, 191
RGB Percent	91%, 86%, 75%
CMY	0.0941, 0.1412, 0.2510
CMYK	0.00, 0.05, 0.17, 0.09
HSL	42°, 45%, 83%
HSV	42°, 17%, 91%
XYZ	67.6905, 71.4135, 59.5067
YIQ	219.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

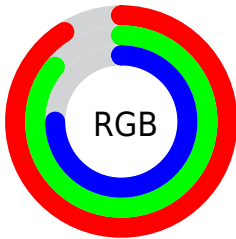
Format	Color
R _Y B	208, 231, 191
Decimal	15195071
CIE Lab	87.69, -0.41, 15.25
CIE LCh	88, 15.256, 91.534
Yxy	71.4135, 0.3408, 0.3596
Android (android.graphics.Color)	4293385151 (0xFFE7DBBF)
YUV	219.3960, -13.9992, 10.1767
Hunter-Lab	84.5065, -4.9064, 17.4045

Details

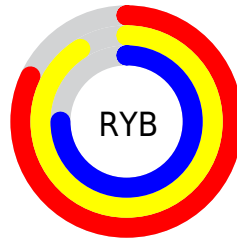
The YUV color $219.3960, -13.9992, 10.1767$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $202.6040, 13.9992, -10.1767$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, -3.4944, 0.7998$, and $164.3250, -12.9782, 9.3620$ is the 20% darker color. If you saturate the color by 10%, you get $212.6650, -22.0198, 16.0798$, and if you desaturate by 10%, it is $226.1270, -5.9786, 4.2736$.

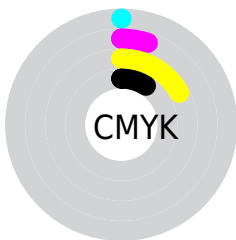
Distribution



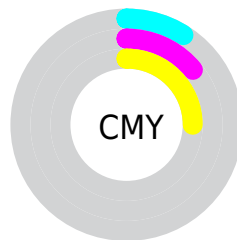
- Red (91%)
- Green (86%)
- Blue (75%)



- Red (82%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.3960, -13.9992, 10.1767 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 219.3960, -13.9992, 10.1767 by changing the saturation by 10% instead.

■ 219.3960,
-13.9992, 10.1767

■ 219.3960,
-13.9992, 10.1767

255.0000, 0.0000,
0.0000

■ 191.5100,
-13.5624, 10.0767

■ 254.0880, -3.4944,
0.7998

■ 164.3250,
-12.9782, 9.3620

■ 138.0260,
-12.8308, 8.7472

■ 112.2540,
-11.9572, 8.5472

■ 87.9550, -11.8098,
7.9325

■ 64.7700, -11.2256,
7.2177

■ 42.5850, -10.6414,

6.5030

■ 21.8840, -10.7888,
7.1177

■ 0.0000, 0.0000,
0.0000

■ 219.3960,
-13.9992, 10.1767

■ 219.3960,
-13.9992, 10.1767

■ 212.6650,
-22.0198, 16.0798

■ 226.1270, -5.9786,
4.2736

■ 205.9340,
-30.0405, 21.9829

■ 232.8580, 2.0420,
-1.6295

■ 199.2030,
-38.0611, 27.8860

■ 239.0190, 7.8786,
-7.0327

■ 192.4720,
-46.0817, 33.7891

■ 243.1280, 5.8529,
-10.6363

■ 185.7410,
-54.1023, 39.6921

■ 247.2370, 3.8272,
-14.2398

■ 178.8960,
-62.5597, 45.6952

■ 247.8240, 3.5378,
-14.7546

■ 172.1650,
-70.5803, 51.5983

■ 166.0210,
-78.8904, 56.9866

■ 164.1630,
-80.9324, 58.6160

Harmonies

Analogous

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



220.8040, -12.7214, 20.3429



219.3960, -13.9992, 10.1767



218.0030, -11.3405, -2.6336

Triad

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



219.3960, -13.9992, 10.1767



215.2290, 9.2541, -28.2648



222.8800, 5.4822, 15.0142

Complementary

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



219.3960, -13.9992, 10.1767



202.6040, 13.9992, -10.1767

Split Complementary

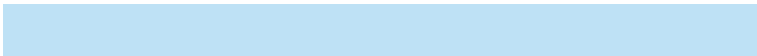
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.5840, 11.0511, 2.1188



219.3960, -13.9992, 10.1767



216.8150, 13.8952, -23.5168

Square

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



219.3960, -13.9992, 10.1767



214.5300, 2.6967, -25.0208



219.2940, 14.1521, -12.5358



222.8010, -1.3809, 22.9765

Rectangle

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



219.3960, -13.9992, 10.1767



216.5720, -7.6770, -11.0256



219.2940, 14.1521, -12.5358



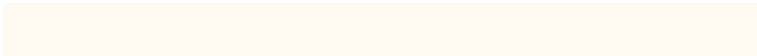
222.4280, 7.6770, 11.0256

Sweetspot

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



219.3960, -13.9992, 10.1767



251.1700, -4.5208, 3.3589



204.3280, -0.6547, 23.3913



125.3270, -2.6262, 2.3442



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.



219.3960, -13.9992, 10.1767



239.4520, -18.9568, 13.6356



224.3470, -16.4401, -0.3043



111.2840, -4.0840, 3.2589



126.8960, -62.5597, 45.6952



36.3810, -17.9358, 12.8209

Inverse Universe

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



202.6040, 13.9992, -10.1767



217.1350, 18.6674, -14.1504



197.6530, 16.4401, 0.3043



106.7160, 4.0840, -3.2589



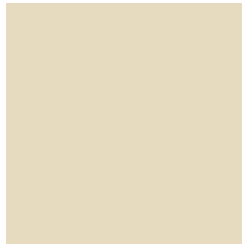
52.1040, 62.5597, -45.6952



14.6190, 17.9358, -12.8209

Previews

White Background



This preview shows how the YUV color 219.3960, -13.9992, 10.1767 looks on a white background.

Color Contrast Check

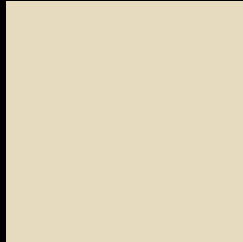
Large Text (above 18pt) WCAG AA × Fail

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 219.3960, -13.9992, 10.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

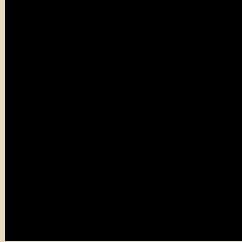
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

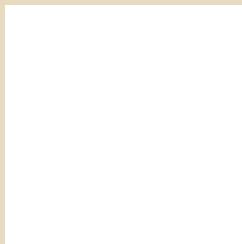
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.3960, -13.9992, 10.1767

Background



This preview shows how black text looks on a background with the YUV color 219.3960, -13.9992, 10.1767.

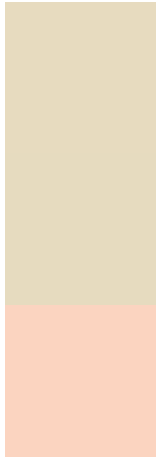


This preview shows how white text looks on a background with the YUV color 219.3960, -13.9992, 10.1767.

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

219.3960, -13.9992, 10.1767

Protanopia

219.0970, -13.8518, 9.5619

Deuteranopia

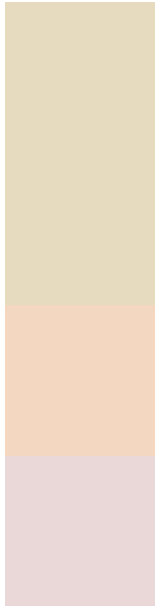
221.3810, -14.4848, 25.9759



Tritanopia

221.8150, 4.0352, 12.4402

Trichromacy



Original Color

219.3960, -13.9992, 10.1767

Protanomaly

219.0970, -13.8518, 9.5619

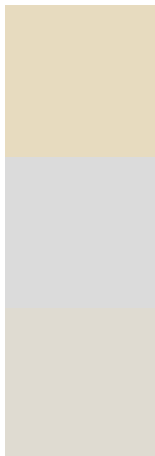
Deuteranomaly

221.0490, -14.3212, 20.1280

Tritanomaly

220.7950, -2.3639, 11.5808

Monochromacy



Original Color

219.3960, -13.9992, 10.1767

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.3960, -13.9992, 10.1767 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(231, 219, 191)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 191)  
}
```

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(231, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 191) }
```

Border

The CSS property to change the border of an element to YUV 219.3960, -13.9992, 10.1767 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(231, 219, 191) }
```


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

```
.border{ border-color:rgb(231, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 219.3960, -13.9992, 10.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 191) }
```

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

```
.background{ background-color: rgb(231,  
219, 191) }
```

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