

Converting Colors

YUV(217.6960, -19.0771,
5.5286)

Have a look what the booklet for
YUV(217.6960, -19.0771, 5.5286)
contains.

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Color

**YUV(217.6960, -19.0771,
5.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DEB3
RGB	224, 222, 179
RGB Percent	88%, 87%, 70%
CMY	0.1216, 0.1294, 0.2980
CMYK	0.00, 0.01, 0.20, 0.12
HSL	57°, 42%, 79%
HSV	57°, 20%, 88%
XYZ	64.9984, 71.3445, 52.9929
YIQ	217.6960, 14.9950, -12.9490

Conversions

Conversions Part 2

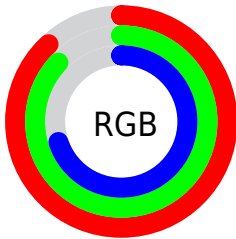
Format	Color
RYB	181, 224, 179
Decimal	14737075
CIELab	87.65, -6.26, 21.39
CIELCh	88, 22.289, 106.322
Yxy	71.3445, 0.3433, 0.3768
Android (android.graphics.Color)	4292927155 (0xFFE0DEB3)
YUV	217.6960, -19.0771, 5.5286
Hunter-Lab	84.4657, -10.4548, 21.9280

Details

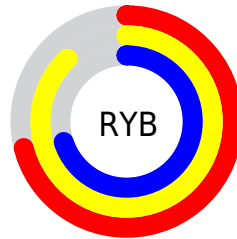
The YUV color **217.6960, -19.0771, 5.5286** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185.3040, 19.0771, -5.5286**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.7200, -8.7360, 1.9996**, and **162.6250, -18.0561, 4.7139** is the 20% darker color. If you saturate the color by 10%, you get **214.6010, -28.3973, 8.2429**, and if you desaturate by 10%, it is **220.7910, -9.7570, 2.8143**.

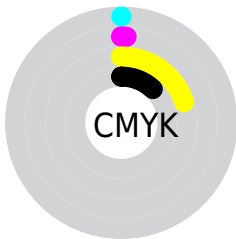
Distribution



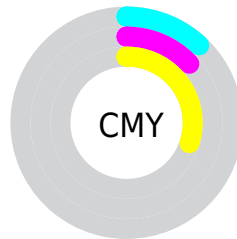
- Red (88%)
- Green (87%)
- Blue (70%)



- Red (71%)
- Yellow (88%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6960, -19.0771, 5.5286 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 217.6960, -19.0771, 5.5286 by changing the saturation by 10% instead.

■ 217.6960,
-19.0771, 5.5286

■ 217.6960,
-19.0771, 5.5286

255.0000, 0.0000,
0.0000

■ 189.8100,
-18.6403, 5.4286

■ 252.7200, -8.7360,
1.9996

■ 162.6250,
-18.0561, 4.7139

■ 136.7390,
-17.6193, 4.6139

■ 110.9670,
-16.7457, 4.4139

■ 86.7820, -16.1615,
3.6992

■ 63.0100, -15.2879,
3.4992

■ 40.5970, -15.5773,

2.9844

■ 21.2530, -10.4777,
0.6551

■ 0.0000, 0.0000,
0.0000

■ 217.6960,
-19.0771, 5.5286

■ 217.6960,
-19.0771, 5.5286

■ 214.6010,
-28.3973, 8.2429

■ 220.7910, -9.7570,
2.8143

■ 211.3920,
-38.1543, 11.0572

■ 224.0000, 0.0000,
0.0000

■ 208.2970,
-47.4744, 13.7715

■ 227.0950, 9.3202,
-2.7143

■ 205.0880,
-57.2314, 16.5858

■ 228.7080, 12.9620,
-4.1289

■ 201.9930,
-66.5515, 19.3001

■ 229.2950, 12.6726,
-4.6437

■ 198.8980,
-75.8717, 22.0145

■ 229.8820, 12.3832,
-5.1585

■ 195.6890,
-85.6287, 24.8287

■ 230.4690, 12.0938,
-5.6733

■ 192.5940,
-94.9488, 27.5431

■ 231.0560, 11.8044,
-6.1881

■ 231.6430, 11.5150,
-6.7029

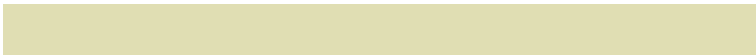
Harmonies

Analogous

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



219.8660, -20.1469, 22.0425



217.6960, -19.0771, 5.5286



215.2960, -12.4709, -13.4146

Triad

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



217.6960, -19.0771, 5.5286



213.1440, 18.1700, -41.3453



223.3870, 3.2602, 27.7246

Complementary

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



217.6960, -19.0771, 5.5286



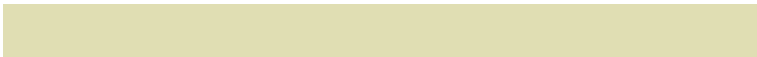
185.3040, 19.0771, -5.5286

Split Complementary

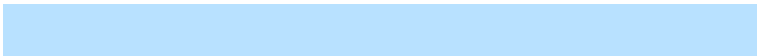
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.4050, 12.6183, 12.7998



217.6960, -19.0771, 5.5286



216.1610, 19.1476, -28.2052

Square

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



217.6960, -19.0771, 5.5286



211.5540, 9.5869, -41.7049



220.1250, 17.1934, -8.0026



220.4060, -5.6232, 30.3389

Rectangle

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



217.6960, -19.0771, 5.5286



213.0540, -5.4496, -25.4804



220.1250, 17.1934, -8.0026



223.5760, 6.6180, 24.0508

Sweetspot

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



217.6960, -19.0771, 5.5286



252.7030, -6.2626, 2.0145



192.6830, -5.7597, 27.4650



126.3870, -3.6418, 1.4146



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.



217.6960, -19.0771, 5.5286



246.2850, -25.7765, 7.6431



212.8900, -16.7078, -7.7965



110.7460, -4.8048, 1.0998



151.2400, -74.5613, 21.7145



41.3540, -20.3875, 5.8285

Inverse Universe

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



185.3040, 19.0771, -5.5286



202.7150, 25.7765, -7.6431



190.1100, 16.7078, 7.7965



102.2540, 4.8048, -1.0998



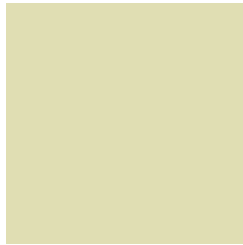
24.7600, 74.5613, -21.7145



6.6460, 20.3875, -5.8285

Previews

White Background



This preview shows how the YUV color 217.6960, -19.0771, 5.5286 looks on a white background.

Color Contrast Check

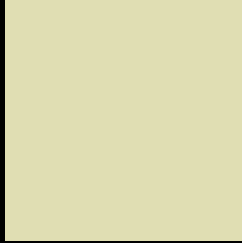
Large Text (above 18pt) WCAG AA × Fail

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 217.6960, -19.0771, 5.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

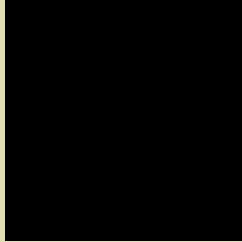
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

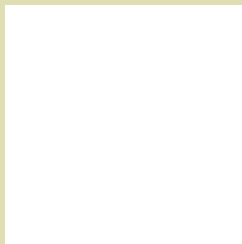
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.6960, -19.0771, 5.5286

Background



This preview shows how black text looks on a background with the YUV color 217.6960, -19.0771, 5.5286.



This preview shows how white text looks on a background with the YUV color 217.6960, -19.0771, 5.5286.

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

217.6960, -19.0771, 5.5286

Protanopia

218.5120, -19.9724, 12.7060

Deuteranopia

220.4370, -19.4424, 29.4348



Tritanopia

221.7220, 5.0671, 8.1368

Trichromacy



Original Color

217.6960, -19.0771, 5.5286

Protanomaly

218.2020, -19.8196, 10.3468

Deuteranomaly

219.3820, -19.4153, 20.7130

Tritanomaly

220.4200, -3.6581, 6.6477

Monochromacy



Original Color

217.6960, -19.0771, 5.5286

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.5890, -6.6994, 2.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6960, -19.0771, 5.5286 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(224, 222, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 179)  
}
```

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(224, 222, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 179) }
```

Border

The CSS property to change the border of an element to YUV 217.6960, -19.0771, 5.5286 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(224, 222, 179) }
```


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

```
.border{ border-color:rgb(224, 222, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 217.6960, -19.0771, 5.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 179) }
```

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

```
.background{ background-color: rgb(224,  
222, 179) }
```

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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