

Converting Colors

YUV(228.3480, -17.9196,
7.5878)

Have a look what the booklet for
YUV(228.3480, -17.9196, 7.5878)
contains.

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Color

**YUV(228.3480, -17.9196,
7.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE7C0
RGB	237, 231, 192
RGB Percent	93%, 91%, 75%
CMY	0.0706, 0.0941, 0.2471
CMYK	0.00, 0.03, 0.19, 0.07
HSL	52°, 56%, 84%
HSV	52°, 19%, 93%
XYZ	73.0154, 78.9621, 61.2621
YIQ	228.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

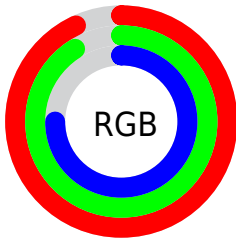
Format	Color
R _Y B	199, 237, 192
Decimal	15591360
CIE Lab	91.22, -4.22, 19.75
CIE LCh	91, 20.192, 102.054
Yxy	78.9621, 0.3424, 0.3703
Android (android.graphics.Color)	4293781440 (0xFFE7C0)
YUV	228.3480, -17.9196, 7.5878
Hunter-Lab	88.8606, -8.8355, 21.3269

Details

The YUV color $228.3480, -17.9196, 7.5878$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $200.6520, 17.9196, -7.5878$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $173.1630, -17.3354, 6.8730$ is the 20% darker color. If you saturate the color by 10%, you get $223.8510, -27.5345, 11.5317$, and if you desaturate by 10%, it is $232.8450, -8.3046, 3.6439$.

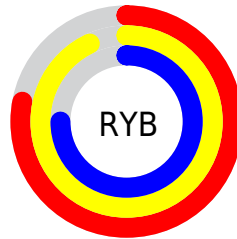
Distribution



Red (93%)

Green (91%)

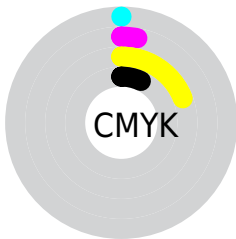
Blue (75%)



Red (78%)

Yellow (93%)

Blue (75%)

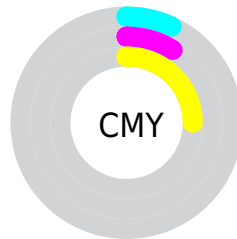


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3480, -17.9196, 7.5878 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 228.3480, -17.9196, 7.5878 by changing the saturation by 10% instead.

■ 228.3480,
-17.9196, 7.5878

■ 228.3480,
-17.9196, 7.5878

255.0000, 0.0000,
0.0000

■ 200.4620,
-17.4828, 7.4878

■ 254.3160, -2.6208,
0.5999

■ 173.1630,
-17.3354, 6.8730

■ 146.3910,
-16.4618, 6.6731

■ 120.5050,
-16.0250, 6.5731

■ 95.4340, -15.0040,
5.7584

■ 72.1350, -14.8566,
5.1436

■ 49.0640, -13.8356,

4.3289

■ 28.3630, -13.9830,
4.9436

■ 4.6960, -2.3151,
-4.1184

■ 228.3480,
-17.9196, 7.5878

■ 228.3480,
-17.9196, 7.5878

■ 223.8510,
-27.5345, 11.5317

■ 232.8450, -8.3046,
3.6439

■ 219.4680,
-36.7127, 15.3756

■ 237.2280, 0.8736,
-0.2000

■ 214.9710,
-46.3277, 19.3194

■ 240.8130, 6.9942,
-3.3440

■ 209.8870,
-55.6533, 23.7781

■ 243.1610, 5.8366,
-5.4032

■ 205.3900,
-65.2683, 27.7220

■ 244.9220, 4.9685,
-6.9476

■ 201.0070,
-74.4465, 31.5659

■ 246.6830, 4.1003,
-8.4920

■ 196.5100,
-84.0614, 35.5097

■ 248.4440, 3.2321,
-10.0364

■ 192.0130,
-93.6764, 39.4536

■ 249.6180, 2.6533,
-11.0660

■ 191.1980,
-94.2606, 40.1684

Harmonies

Analogous

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



230.3220, -18.3997, 21.6426



228.3480, -17.9196, 7.5878



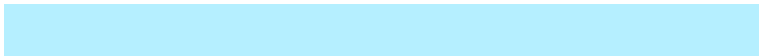
226.3180, -12.4818, -9.9259

Triad

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



228.3480, -17.9196, 7.5878



223.4820, 15.5384, -37.2567



231.7990, 5.0291, 20.3473

Complementary

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



228.3480, -17.9196, 7.5878



200.6520, 17.9196, -7.5878

Split Complementary

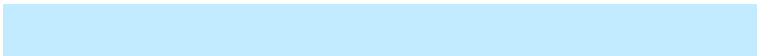
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.0410, 11.3188, 9.6110



228.3480, -17.9196, 7.5878



225.3200, 14.6322, -26.5906

Square

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



228.3480, -17.9196, 7.5878



222.6040, 7.0972, -36.4867



228.6750, 12.9782, -9.3620



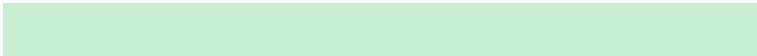
228.4590, -2.6913, 23.2765

Rectangle

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



228.3480, -17.9196, 7.5878



224.4460, -6.6289, -20.5621



228.6750, 12.9782, -9.3620



233.0700, 7.3605, 19.2326

Sweetspot

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



228.3480, -17.9196, 7.5878



252.1160, -5.9732, 2.5293



206.1390, -4.0125, 27.0651



125.8000, -3.3524, 1.9294



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.



228.3480, -17.9196, 7.5878



243.5780, -23.4560, 10.0171



226.7870, -17.1500, -5.9522



115.1590, -4.5154, 1.6146



146.2780, -72.1151, 30.4512



43.1480, -21.2720, 9.5172

Inverse Universe

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



200.6520, 17.9196, -7.5878



207.4220, 23.4560, -10.0171



201.9140, 17.2974, 5.3374



107.8410, 4.5154, -1.6146



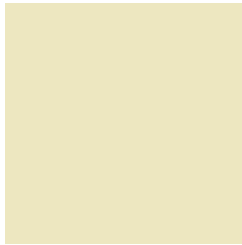
34.7220, 72.1151, -30.4512



10.2650, 21.5614, -9.0024

Previews

White Background



This preview shows how the YUV color 228.3480, -17.9196, 7.5878 looks on a white background.

Color Contrast Check

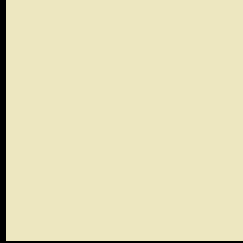
Large Text (above 18pt) WCAG AA × Fail

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 228.3480, -17.9196, 7.5878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

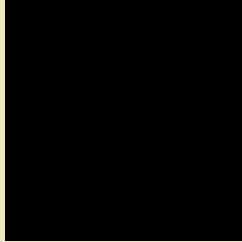
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

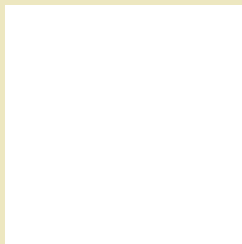
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.3480, -17.9196, 7.5878

Background



This preview shows how black text looks on a background with the YUV color 228.3480, -17.9196, 7.5878.



This preview shows how white text looks on a background with the YUV color 228.3480, -17.9196, 7.5878.

7.5878.

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

228.3480, -17.9196, 7.5878

Protanopia

228.8540, -18.6620, 12.4060

Deuteranopia

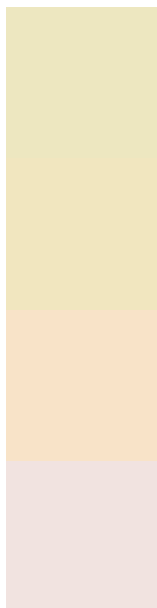
231.1030, -12.8688, 20.9577



Tritanopia

232.0320, 4.9142, 10.4959

Trichromacy



Original Color

228.3480, -17.9196, 7.5878

Protanomaly

228.8430, -18.6566, 10.6617

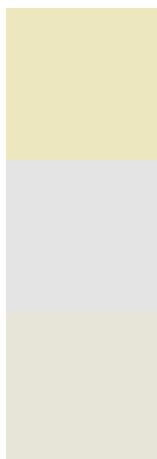
Deuteranomaly

230.2010, -14.8891, 15.6097

Tritanomaly

230.8440, -3.3741, 8.9068

Monochromacy



Original Color

228.3480, -17.9196, 7.5878

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3480, -17.9196, 7.5878 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(237, 231, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 192)  
}
```

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(237, 231, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 192) }
```

Border

The CSS property to change the border of an element to YUV 228.3480, -17.9196, 7.5878 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(237, 231, 192) }
```


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

```
.border{ border-color:rgb(237, 231, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 231, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 231, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 231, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 231,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 228.3480, -17.9196, 7.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 192) }
```

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

```
.background{ background-color: rgb(237,  
231, 192) }
```

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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