

Converting Colors

YUV(228.5540, -17.0351,
3.8991)

Have a look what the booklet for
YUV(228.5540, -17.0351, 3.8991)
contains.

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Color

**YUV(228.5540, -17.0351,
3.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E9C2
RGB	233, 233, 194
RGB Percent	91%, 91%, 76%
CMY	0.0863, 0.0863, 0.2392
CMYK	0.00, 0.00, 0.17, 0.09
HSL	60°, 47%, 84%
HSV	60°, 17%, 91%
XYZ	72.4808, 79.4965, 62.5632
YIQ	228.5540, 12.5190, -12.1290

Conversions

Conversions Part 2

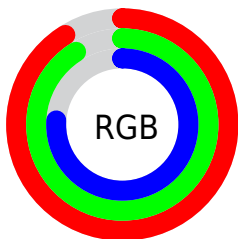
Format	Color
RYB	194, 233, 194
Decimal	15329730
CIELab	91.46, -6.38, 19.00
CIELCh	91, 20.044, 108.552
Yxy	79.4965, 0.3378, 0.3705
Android (android.graphics.Color)	4293519810 (0xFFE9E9C2)
YUV	228.5540, -17.0351, 3.8991
Hunter-Lab	89.1608, -10.9248, 20.8094

Details

The YUV color **228.5540, -17.0351, 3.8991** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **198.4460, 17.0351, -3.8991**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.5440, -1.7472, 0.3999**, and **172.7820, -16.1615, 3.6992** is the 20% darker color. If you saturate the color by 10%, you get **225.9320, -27.0815, 6.1986**, and if you desaturate by 10%, it is **231.1760, -6.9888, 1.5996**.

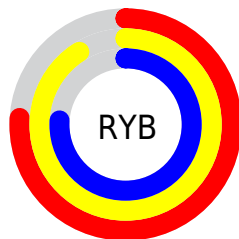
Distribution



Red (91%)

Green (91%)

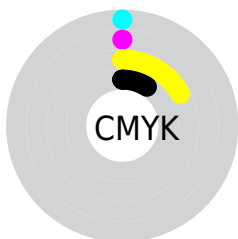
Blue (76%)



Red (76%)

Yellow (91%)

Blue (76%)

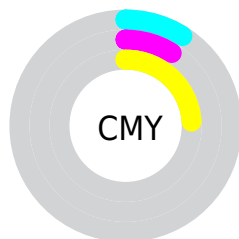


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5540, -17.0351, 3.8991 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 228.5540, -17.0351, 3.8991 by changing the saturation by 10% instead.

■ 228.5540,
-17.0351, 3.8991

■ 228.5540,
-17.0351, 3.8991

■ 255.0000, 0.0000,
0.0000

■ 200.6680,
-16.5983, 3.7992

■ 254.5440, -1.7472,
0.3999

■ 172.7820,
-16.1615, 3.6992

■ 146.5970,
-15.5773, 2.9844

■ 120.7110,
-15.1405, 2.8845

■ 95.8250, -14.7037,
2.7845

■ 72.0530, -13.8301,
2.5845

■ 48.9820, -12.8091,

1.7698

■ 28.0530, -13.8301,
2.5845

■ 5.8700, -2.8939,
-5.1480

■ 228.5540,
-17.0351, 3.8991

■ 228.5540,
-17.0351, 3.8991

■ 225.9320,
-27.0815, 6.1986

■ 231.1760, -6.9888,
1.5996

■ 223.1960,
-37.5646, 8.5981

■ 233.9120, 3.4944,
-0.7998

■ 220.5740,
-47.6110, 10.8976

■ 235.5080, 9.6096,
-2.1995

■ 217.9520,
-57.6573, 13.1971

■ 215.2160,
-68.1405, 15.5966

■ 212.5940,
-78.1868, 17.8961

■ 209.9720,
-88.2332, 20.1956

■ 207.3500,
-98.2796, 22.4951

■ 206.4380,
-101.7739, 23.2949

Harmonies

Analogous

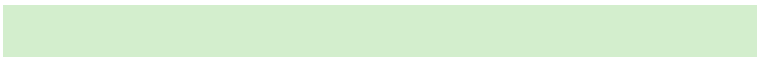
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.8980, -18.6837, 19.3835



228.5540, -17.0351, 3.8991



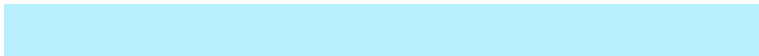
226.1650, -10.4343, -13.2997

Triad

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



228.5540, -17.0351, 3.8991



224.3790, 15.0962, -35.4124



231.4570, 3.7187, 20.6472

Complementary

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



228.5540, -17.0351, 3.8991



198.4460, 17.0351, -3.8991

Split Complementary

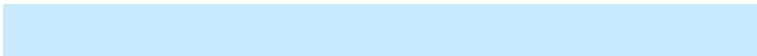
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.5360, 10.5818, 12.6849



228.5540, -17.0351, 3.8991



226.2280, 14.1846, -23.0020

Square

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



228.5540, -17.0351, 3.8991



223.7610, 8.9918, -37.5014



230.1810, 12.2358, -4.5437



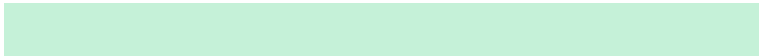
229.1770, -5.0173, 22.6468

Rectangle

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



228.5540, -17.0351, 3.8991



224.9940, -4.4340, -24.5507



230.1810, 12.2358, -4.5437



232.7280, 6.0501, 19.5325

Sweetspot

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



228.5540, -17.0351, 3.8991



253.5180, -5.6784, 1.2997



205.6610, -5.7489, 23.9763



127.0880, -3.4944, 0.7998



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.



228.5540, -17.0351, 3.8991



249.1860, -22.2767, 5.0989



222.5740, -14.0870, -8.3964



115.7460, -4.8048, 1.0998



160.3660, -79.0604, 18.0960



47.8440, -23.5871, 5.3988

Inverse Universe

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



198.4460, 17.0351, -3.8991



209.8140, 22.2767, -5.0989



204.1270, 14.2344, 7.7816



107.2540, 4.8048, -1.0998



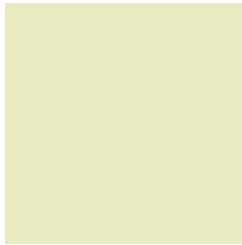
20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Previews

White Background



This preview shows how the YUV color 228.5540, -17.0351, 3.8991 looks on a white background.

Color Contrast Check

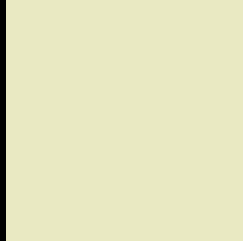
Large Text (above 18pt) WCAG AA × Fail

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 228.5540, -17.0351, 3.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

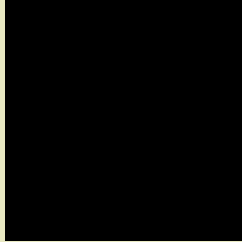
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

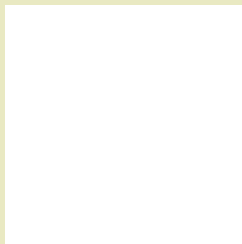
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.5540, -17.0351, 3.8991

Background



This preview shows how black text looks on a background with the YUV color 228.5540, -17.0351, 3.8991.



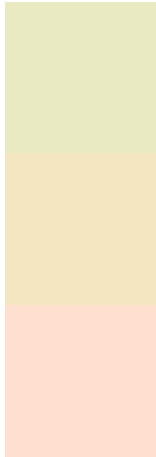
This preview shows how white text looks on a background with the YUV color 228.5540, -17.0351,

3.8991.

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

228.5540, -17.0351, 3.8991

Protanopia

229.5550, -18.5146, 11.7913

Deuteranopia

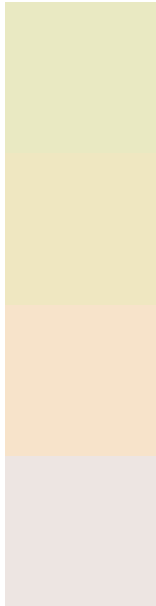
231.3310, -11.9952, 20.7577



Tritanopia

232.2380, 5.7987, 6.8073

Trichromacy



Original Color

228.5540, -17.0351, 3.8991

Protanomaly

229.0600, -17.7776, 8.7174

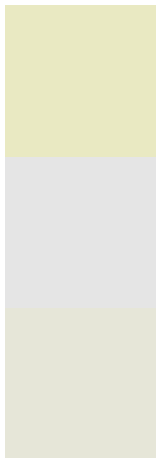
Deuteranomaly

230.1300, -13.8681, 14.7950

Tritanomaly

231.0500, -2.4897, 5.2181

Monochromacy



Original Color

228.5540, -17.0351, 3.8991

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.4040, -6.1152, 1.3997

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5540, -17.0351, 3.8991 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(233, 233, 194)` looks like.

```
.text, #text, p{  
    color:rgb(233, 233, 194)  
}
```

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(233, 233, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 233, 194) }
```

Border

The CSS property to change the border of an element to YUV 228.5540, -17.0351, 3.8991 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(233, 233, 194) }
```


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

```
.border{ border-color:rgb(233, 233, 194) }
```

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

Here you see how a box with a 4 pixel rgb(233, 233, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 233, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 233, 194);  
box-shadow:4px 4px 4px 4px rgb(233, 233,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 228.5540, -17.0351, 3.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 233, 194) }
```

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

```
.background{ background-color: rgb(233,  
233, 194) }
```

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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