

Converting Colors

YUV(224.2540, -11.9572,
8.5472)

Have a look what the booklet for
YUV(224.2540, -11.9572, 8.5472)
contains.

YUV(224.2540, -11.9572, 8.5472)	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(224.2540, -11.9572,
8.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0C8
RGB	234, 224, 200
RGB Percent	92%, 88%, 78%
CMY	0.0824, 0.1216, 0.2157
CMYK	0.00, 0.04, 0.15, 0.08
HSL	42°, 45%, 85%
HSV	42°, 15%, 92%
XYZ	71.0127, 74.9739, 65.3722
YIQ	224.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

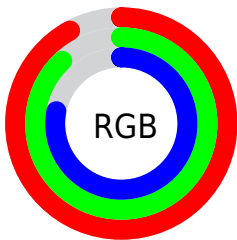
Format	Color
R _Y B	214, 234, 200
Decimal	15392968
CIE Lab	89.38, -0.53, 12.97
CIE LCh	89, 12.979, 92.327
Yxy	74.9739, 0.3360, 0.3547
Android (android.graphics.Color)	4293583048 (0xFFEAE0C8)
YUV	224.2540, -11.9572, 8.5472
Hunter-Lab	86.5875, -5.1354, 15.8482

Details

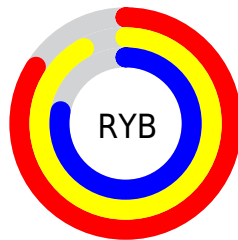
The YUV color $224.2540, -11.9572, 8.5472$ is a light color, and the websafe version is hex $CCCCCC$, and the color name is [pearl](#). A complement of this color would be $209.7460, 11.9572, -8.5472$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.0690, -11.3730, 7.8325$ is the 20% darker color. If you saturate the color by 10%, you get $217.5230, -19.9778, 14.4503$, and if you desaturate by 10%, it is $230.9850, -3.9366, 2.6442$.

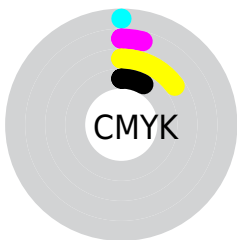
Distribution



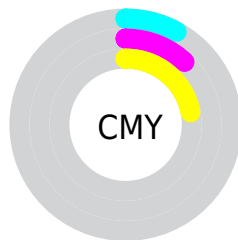
- Red (92%)
- Green (88%)
- Blue (78%)



- Red (84%)
- Yellow (92%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.2540, -11.9572, 8.5472 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 224.2540, -11.9572, 8.5472 by changing the saturation by 10% instead.

■ 224.2540,
-11.9572, 8.5472

■ 224.2540,
-11.9572, 8.5472

255.0000, 0.0000,
0.0000

■ 196.3680,
-11.5204, 8.4473

■ 169.0690,
-11.3730, 7.8325

■ 142.1830,
-10.9362, 7.7325

■ 116.9980,
-10.3520, 7.0178

■ 92.1120, -9.9152,
6.9178

■ 68.8130, -9.7678,
6.3030

■ 46.6280, -9.1836,

5.5882

■ 25.1720, -10.9308,
5.9882

■ 0.0000, 0.0000,
0.0000

■ 224.2540,
-11.9572, 8.5472

■ 224.2540,
-11.9572, 8.5472

■ 217.5230,
-19.9778, 14.4503

■ 230.9850, -3.9366,
2.6442

■ 210.6780,
-28.4353, 20.4534

■ 237.8300, 4.5208,
-3.3589

■ 203.9470,
-36.4559, 26.3565

■ 242.8510, 5.9895,
-7.7623

■ 197.1020,
-44.9133, 32.3595

■ 246.9600, 3.9637,
-11.3659

■ 190.9580,
-53.2233, 37.7478

■ 248.7210, 3.0955,
-12.9103

■ 184.2270,
-61.2439, 43.6509

■ 177.3820,
-69.7013, 49.6540

■ 170.6510,
-77.7219, 55.5571

■ 166.8210,
-82.2428, 58.9160

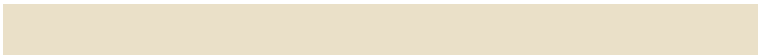
Harmonies

Analogous

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



225.5370, -11.1107, 17.0691



224.2540, -11.9572, 8.5472



222.8720, -9.3039, -2.5187

Triad

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



224.2540, -11.9572, 8.5472



220.6210, 8.0748, -23.3466



227.2280, 4.3246, 12.9550

Complementary

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



224.2540, -11.9572, 8.5472



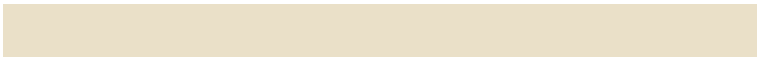
209.7460, 11.9572, -8.5472

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.



225.8290, 9.4513, 1.9040



224.2540, -11.9572, 8.5472



222.2670, 11.7004, -19.5282

Square

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



224.2540, -11.9572, 8.5472



220.4380, 2.2491, -21.4321



224.1480, 12.2520, -9.7768



227.0780, -1.5175, 20.1026

Rectangle

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



224.2540, -11.9572, 8.5472



221.6260, -6.2246, -10.1960



224.1480, 12.2520, -9.7768



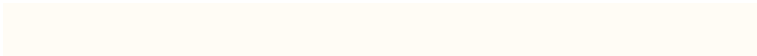
227.0750, 6.3720, 9.5812

Sweetspot

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



224.2540, -11.9572, 8.5472



252.0990, -3.4998, 2.5442



211.3060, -0.6439, 19.9026



126.0280, -2.4788, 1.7294



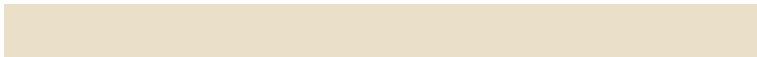
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



224.2540, -11.9572, 8.5472



242.4670, -15.0202, 10.9914



228.0310, -13.8193, -0.9042



113.9850, -3.9366, 2.6442



129.2550, -63.7227, 45.3804



38.4520, -18.9568, 13.6356

Inverse Universe

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



209.7460, 11.9572, -8.5472



223.9460, 15.3096, -10.4766



205.9690, 13.8193, 0.9042



109.0150, 3.9366, -2.6442



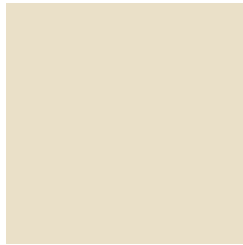
51.7450, 63.7227, -45.3804



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 224.2540, -11.9572, 8.5472 looks on a white background.

Color Contrast Check

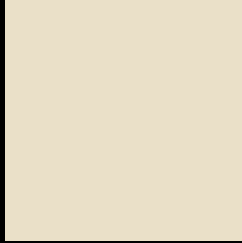
Large Text (above 18pt) WCAG AA × Fail

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 224.2540, -11.9572, 8.5472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

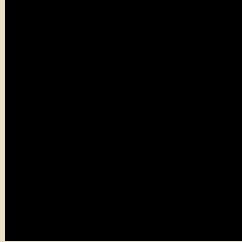
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

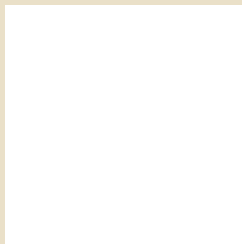
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.2540, -11.9572, 8.5472

Background



This preview shows how black text looks on a background with the YUV color 224.2540, -11.9572, 8.5472.

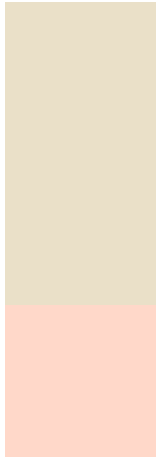


This preview shows how white text looks on a background with the YUV color 224.2540, -11.9572, 8.5472.

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

224.2540, -11.9572, 8.5472

Protanopia

224.2540, -11.9572, 8.5472

Deuteranopia

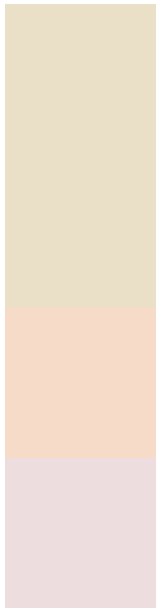
225.9510, -12.3008, 25.4760



Tritanopia

226.9180, 4.4774, 10.5959

Trichromacy



Original Color

224.2540, -11.9572, 8.5472

Protanomaly

224.2540, -11.9572, 8.5472

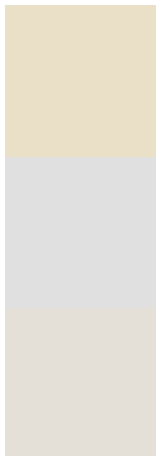
Deuteranomaly

225.3200, -11.9898, 19.0134

Tritanomaly

226.0120, -1.4849, 9.6365

Monochromacy



Original Color

224.2540, -11.9572, 8.5472

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.2540, -11.9572, 8.5472 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(234, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 200)  
}
```

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(234, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 200) }
```

Border

The CSS property to change the border of an element to YUV 224.2540, -11.9572, 8.5472 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(234, 224, 200) }
```


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

```
.border{ border-color:rgb(234, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 224.2540, -11.9572, 8.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 200) }
```

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

```
.background{ background-color: rgb(234,  
224, 200) }
```

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