

Converting Colors

YUV(223.2540, -45.4812,
27.8412)

Have a look what the booklet for
YUV(223.2540, -45.4812, 27.8412)
contains.

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Color

**YUV(223.2540, -45.4812,
27.8412)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE183 |
| RGB | 255, 225, 131 |
| RGB Percent | 100%, 88%, 51% |
| CMY | 0.0000, 0.1176, 0.4863 |
| CMYK | 0.00, 0.12, 0.49, 0.00 |
| HSL | 45°, 100%, 76% |
| HSV | 45°, 49%, 100% |
| XYZ | 72.2619, 76.7491, 32.4782 |
| YIQ | 223.2540, 48.0540, -22.8740 |

Conversions

Conversions Part 2

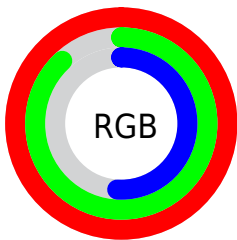
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 171, 255, 131 |
| Decimal | 16769411 |
| CIE Lab | 90.21, -1.44, 49.48 |
| CIE LCh | 90, 49.504, 91.666 |
| Yxy | 76.7491, 0.3982, 0.4229 |
| Android (android.graphics.Color) | 4294959491 (0xFFFFE183) |
| YUV | 223.2540, -45.4812, 27.8412 |
| Hunter-Lab | 87.6066, -6.0765, 39.3442 |

Details

The YUV color $223.2540, -45.4812, 27.8412$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $162.7460, 45.4812, -27.8412$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1340, -30.1391, 6.8985$, and $167.4000, -43.5812, 25.0822$ is the 20% darker color. If you saturate the color by 10%, you get $216.8820, -54.6648, 33.4295$, and if you desaturate by 10%, it is $229.6260, -36.2976, 22.2530$.

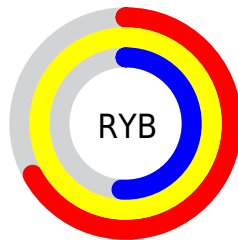
Distribution



Red (100%)

Green (88%)

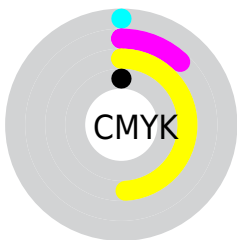
Blue (51%)



Red (67%)

Yellow (100%)

Blue (51%)

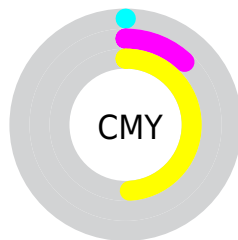


Cyan (0%)

Magenta (12%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.2540, -45.4812, 27.8412 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 223.2540, -45.4812, 27.8412 by changing the saturation by 10% instead.

223.2540,
-45.4812, 27.8412

223.2540,
-45.4812, 27.8412

255.0000, 0.0000,
0.0000

194.8840,
-44.3128, 26.4117

247.1340,
-30.1391, 6.8985

167.4000,
-43.5812, 25.0822

250.3260,
-17.9087, 4.0991

140.5030,
-43.1390, 23.2379

253.6320, -5.2416,
1.1997

113.9050,
-42.8442, 22.0083

88.6660, -43.7123,
20.4639

66.8040, -32.9344,
16.8349

45.8170, -22.5878,

11.5615

■ 26.9010, -13.2622,
7.1028

■ 0.5870, -0.2894,
-0.5148

■ 223.2540,
-45.4812, 27.8412

■ 223.2540,
-45.4812, 27.8412

■ 216.8820,
-54.6648, 33.4295

■ 229.6260,
-36.2976, 22.2530

■ 210.3960,
-64.2852, 39.1177

■ 236.1120,
-26.6772, 16.5648

■ 203.4370,
-73.1794, 45.2208

■ 243.1850,
-17.3462, 10.3618

■ 196.9510,
-82.7998, 50.9090

■ 249.5570, -8.1626,
4.7735

■ 190.5790,
-91.9834, 56.4972

255.0000, 0.0000,
0.0000

■ 189.5360,
-93.4412, 57.4119

Harmonies

Analogous

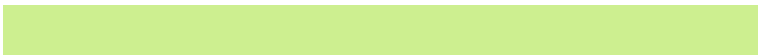
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.8710, -34.4464, 35.1931



223.2540, -45.4812, 27.8412



218.0040, -36.4840, -11.4045

Triad

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



223.2540, -45.4812, 27.8412



176.4070, 38.7463, -154.7089



220.9540, 16.7847, 29.8583

Complementary

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



223.2540, -45.4812, 27.8412



162.7460, 45.4812, -27.8412

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.



224.9530, 14.8132, 8.8112



223.2540, -45.4812, 27.8412



190.8360, 31.6329, -112.9892

Square

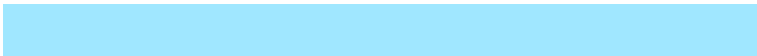
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.2540, -45.4812, 27.8412



196.3410, 15.6079, -106.4161



212.5070, 20.9490, -46.0486



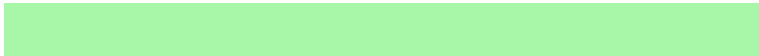
212.9520, 6.4327, 36.8761

Rectangle

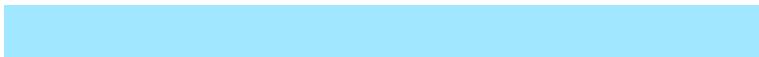
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.2540, -45.4812, 27.8412



213.6720, -23.0093, -40.0543



212.5070, 20.9490, -46.0486



223.8890, 15.3377, 27.2843

Sweetspot

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



223.2540, -45.4812, 27.8412



245.3850, -13.9938, 8.4324



171.6100, -4.7377, 73.1330



121.8560, -8.3100, 5.3883



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.



223.2540, -45.4812, 27.8412



216.9960, -54.2280, 33.3295



231.5950, -49.5933, -6.6608



124.1700, -4.5208, 3.3589



142.2240, -70.1164, 42.7766



47.3120, -23.3248, 14.6354

Inverse Universe

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



162.7460, 45.4812, -27.8412



145.0040, 54.2280, -33.3295



154.4050, 49.5933, 6.6608



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Previews

White Background



This preview shows how the YUV color 223.2540, -45.4812, 27.8412 looks on a white background.

Color Contrast Check

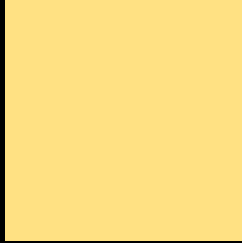
Large Text (above 18pt) WCAG AA × Fail

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 223.2540, -45.4812, 27.8412 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 223.2540, -45.4812, 27.8412 Background



This preview shows how black text looks on a background with the YUV color 223.2540, -45.4812, 27.8412.



This preview shows how white text looks on a background with the YUV color 223.2540, -45.4812, 27.8412.

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

223.2540, -45.4812, 27.8412

Protanopia

222.7480, -44.7388, 23.0230

Deuteranopia

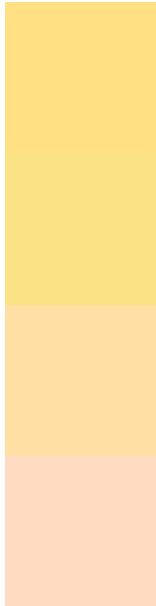
227.4210, -21.8996, 24.1868



Tritanopia

229.7300, -0.3599, 22.1618

Trichromacy



Original Color

223.2540, -45.4812, 27.8412

Protanomaly

222.7590, -44.7442, 24.7674

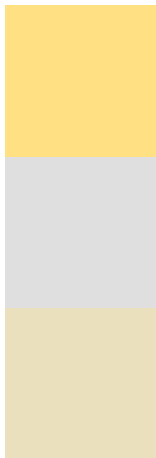
Deuteranomaly

225.8420, -30.4881, 25.5716

Tritanomaly

227.3870, -16.9528, 24.2166

Monochromacy



Original Color

223.2540, -45.4812, 27.8412

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

223.4130, -16.4726, 10.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.2540, -45.4812, 27.8412 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(255, 225, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 131)  
}
```

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(255, 225, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 131) }
```

Border

The CSS property to change the border of an element to YUV 223.2540, -45.4812, 27.8412 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(255, 225, 131) }
```


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

```
.border{ border-color:rgb(255, 225, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 223.2540, -45.4812, 27.8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 131) }
```

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

```
.background{ background-color: rgb(255,  
225, 131) }
```

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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