

Converting Colors

YUV(237.4540, -45.5798,
12.7568)

Have a look what the booklet for
YUV(237.4540, -45.5798, 12.7568)
contains.

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Color

**YUV(237.4540, -45.5798,
12.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF891
RGB	252, 248, 145
RGB Percent	99%, 97%, 57%
CMY	0.0118, 0.0275, 0.4314
CMYK	0.00, 0.02, 0.42, 0.01
HSL	58°, 95%, 78%
HSV	58°, 42%, 99%
XYZ	78.8231, 89.8746, 39.9812
YIQ	237.4540, 35.4470, -31.1850

Conversions

Conversions Part 2

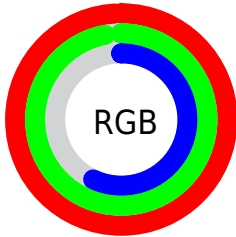
Format	Color
R _Y B	149, 252, 145
Decimal	16578705
CIE Lab	95.94, -12.76, 49.79
CIE LCh	96, 51.400, 104.375
Yxy	89.8746, 0.3777, 0.4307
Android (android.graphics.Color)	4294768785 (0xFFFCF891)
YUV	237.4540, -45.5798, 12.7568
Hunter-Lab	94.8022, -17.4904, 41.3570

Details

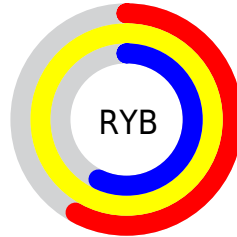
The YUV color $237.4540, -45.5798, 12.7568$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $159.5460, 45.5798, -12.7568$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7300, -24.0239, 5.4988$, and $181.1980, -43.9746, 11.2274$ is the 20% darker color. If you saturate the color by 10%, you get $234.0170, -56.2104, 15.7711$, and if you desaturate by 10%, it is $240.8910, -34.9493, 9.7426$.

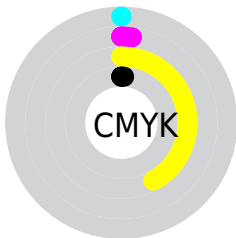
Distribution



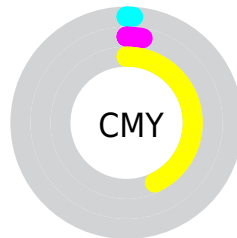
- Red (99%)
- Green (97%)
- Blue (57%)



- Red (58%)
- Yellow (99%)
- Blue (57%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.4540, -45.5798, 12.7568 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 237.4540, -45.5798, 12.7568 by changing the saturation by 10% instead.

237.4540,
-45.5798, 12.7568

237.4540,
-45.5798, 12.7568

255.0000, 0.0000,
0.0000

209.2690,
-44.9956, 12.0421

248.7300,
-24.0239, 5.4988

181.1980,
-43.9746, 11.2274

252.0360,
-11.3567, 2.5994

153.7140,
-43.2430, 9.8978

126.8280,
-42.8062, 9.7978

100.4320,
-45.5690, 9.2681

77.3590, -38.1380,
5.8242

56.3830, -27.7968,

2.2951

■ 35.9940, -17.7450,
-1.7487

■ 14.0880, -6.9454,
-12.3552

■ 237.4540,
-45.5798, 12.7568

■ 237.4540,
-45.5798, 12.7568

■ 234.0170,
-56.2104, 15.7711

■ 240.8910,
-34.9493, 9.7426

■ 230.5800,
-66.8409, 18.7853

■ 244.3280,
-24.3187, 6.7283

■ 227.0290,
-77.9083, 21.8996

■ 247.8790,
-13.2513, 3.6141

■ 223.5920,
-88.5389, 24.9138

■ 251.3160, -2.6208,
0.5999

■ 220.1550,
-99.1694, 27.9281

■ 252.9290, 1.0210,
-0.8147

■ 217.9890,
-107.4686, 29.8276

■ 253.5160, 0.7316,
-1.3295

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

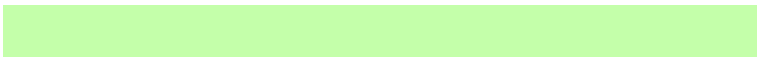
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6000, -40.2288, 23.1528



237.4540, -45.5798, 12.7568



227.6690, -28.4308, -27.7737

Triad

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



237.4540, -45.5798, 12.7568



178.7550, 37.5888, -156.7681



226.8240, 13.8908, 24.7104

Complementary

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



237.4540, -45.5798, 12.7568



159.5460, 45.5798, -12.7568

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.



235.6290, 9.5499, 16.9884



237.4540, -45.5798, 12.7568



214.6350, 19.8999, -82.9949

Square

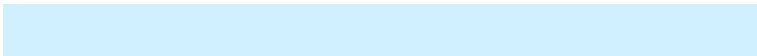
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.4540, -45.5798, 12.7568



191.6120, 31.2503, -130.3327



232.4410, 11.1216, -20.5578



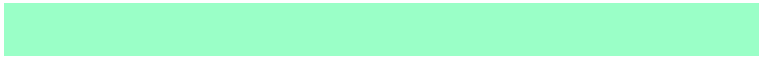
221.7740, -0.3816, 29.1392

Rectangle

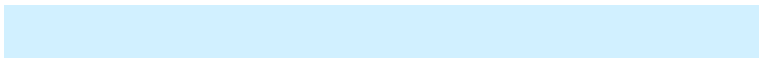
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.4540, -45.5798, 12.7568



218.4170, -9.5726, -56.4937



232.4410, 11.1216, -20.5578



229.1720, 12.7332, 22.6512

Sweetspot

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



237.4540, -45.5798, 12.7568



250.6510, -14.1249, 3.8141



177.5630, -13.5886, 65.2812



125.0190, -8.8834, 2.6143



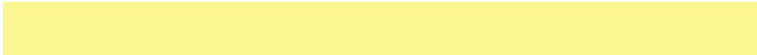
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

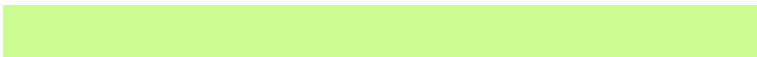
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.4540, -45.5798, 12.7568



237.2450, -55.3368, 15.5711



225.4500, -39.6618, -18.8116



122.9310, -5.3890, 1.8145



163.3450, -80.5291, 22.4994



52.8720, -26.0659, 7.1283

Inverse Universe

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



159.5460, 45.5798, -12.7568



142.7550, 55.3368, -15.5711



171.5500, 39.6618, 18.8116



114.0690, 5.3890, -1.8145



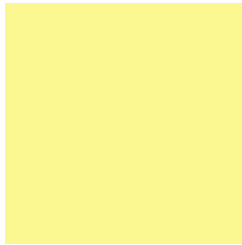
25.6550, 80.5291, -22.4994



8.1280, 26.0659, -7.1283

Previews

White Background



This preview shows how the YUV color 237.4540, -45.5798, 12.7568 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 237.4540, -45.5798, 12.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

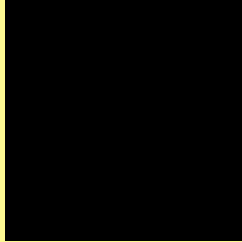
Any Text WCAG AA ✓ Pass

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 237.4540, -45.5798, 12.7568 Background



This preview shows how black text looks on a background with the YUV color 237.4540, -45.5798, 12.7568.



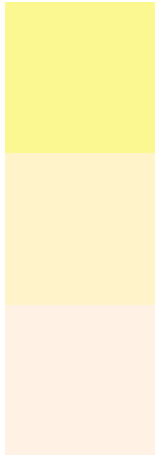
This preview shows how white text looks on a background with the YUV color 237.4540, -45.5798, 12.7568.

12.7568.

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

237.4540, -45.5798, 12.7568

Protanopia

241.8000, -20.1144, 11.5764

Deuteranopia

243.5900, -8.1789, 10.0066



Tritanopia

244.9240, 2.0095, 8.8367

Trichromacy



Original Color

237.4540, -45.5798, 12.7568



Protanomaly

240.3950, -29.2817, 11.9316



Deuteranomaly

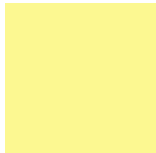
241.6320, -22.0036, 10.8467



Tritanomaly

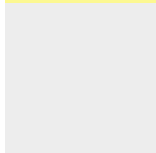
242.0540, -15.3096, 10.4766

Monochromacy



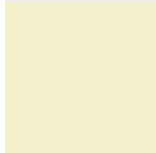
Original Color

237.4540, -45.5798, 12.7568



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

237.0810, -16.3089, 4.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.4540, -45.5798, 12.7568 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(252, 248, 145)` looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 145)  
}
```

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(252, 248, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 145) }
```

Border

The CSS property to change the border of an element to YUV 237.4540, -45.5798, 12.7568 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(252, 248, 145) }
```


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

```
.border{ border-color:rgb(252, 248, 145) }
```

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

Here you see how a box with a 4 pixel rgb(252, 248, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 145);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 237.4540, -45.5798, 12.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 145) }
```

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

```
.background{ background-color: rgb(252,  
248, 145) }
```

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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