

Converting Colors

YUV(235.8640, -54.1630,
12.3973)

Have a look what the booklet for
YUV(235.8640, -54.1630, 12.3973)
contains.

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Color

**YUV(235.8640, -54.1630,
12.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFA7E
RGB	250, 250, 126
RGB Percent	98%, 98%, 49%
CMY	0.0196, 0.0196, 0.5059
CMYK	0.00, 0.00, 0.50, 0.02
HSL	60°, 93%, 74%
HSV	60°, 50%, 98%
XYZ	77.3758, 90.2016, 33.0712
YIQ	235.8640, 39.8040, -38.5640

Conversions

Conversions Part 2

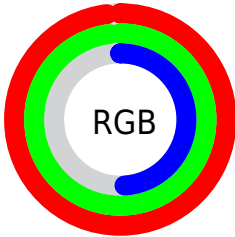
Format	Color
R _Y B	126, 250, 126
Decimal	16448126
CIE Lab	96.08, -16.24, 58.80
CIE LCh	96, 61.004, 105.438
Yxy	90.2016, 0.3856, 0.4495
Android (android.graphics.Color)	4294638206 (0xFFFAFA7E)
YUV	235.8640, -54.1630, 12.3973
Hunter-Lab	94.9745, -20.7812, 45.8367

Details

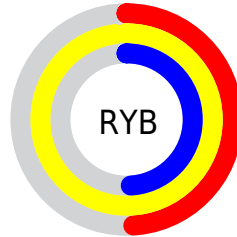
The YUV color $235.8640, -54.1630, 12.3973$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $140.1360, 54.1630, -12.3973$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $179.1950, -52.8471, 10.3530$ is the 20% darker color. If you saturate the color by 10%, you get $233.0140, -65.0829, 14.8967$, and if you desaturate by 10%, it is $238.7140, -43.2430, 9.8978$.

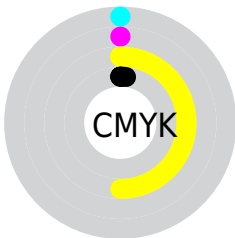
Distribution



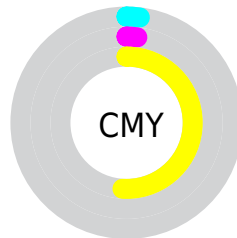
- Red (98%)
- Green (98%)
- Blue (49%)



- Red (49%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8640, -54.1630, 12.3973 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 235.8640, -54.1630, 12.3973 by changing the saturation by 10% instead.

235.8640,
-54.1630, 12.3973

235.8640,
-54.1630, 12.3973

255.0000, 0.0000,
0.0000

207.3800,
-53.4313, 11.0677

246.5640,
-32.3231, 7.3984

179.1950,
-52.8471, 10.3530

249.8700,
-19.6559, 4.4990

151.7820,
-53.1365, 9.8382

253.1760, -6.9888,
1.5996

123.3430,
-57.3571, 10.2232

99.4980, -49.0525,
6.5793

77.0490, -37.9852,
3.4650

55.7740, -27.4966,

-0.6788

■ 35.0860, -17.2974,
-5.3374

■ 15.2620, -7.5242,
-13.3848

■ 235.8640,
-54.1630, 12.3973

■ 235.8640,
-54.1630, 12.3973

■ 233.0140,
-65.0829, 14.8967

■ 238.7140,
-43.2430, 9.8978

■ 230.1640,
-76.0029, 17.3962

■ 241.5640,
-32.3231, 7.3984

■ 227.3140,
-86.9228, 19.8956

■ 244.4140,
-21.4031, 4.8989

■ 224.4640,
-97.8428, 22.3951

■ 247.2640,
-10.4832, 2.3995

■ 221.6140,
-108.7627, 24.8945

■ 250.1140, 0.4368,
-0.1000

■ 221.5000,
-109.1995, 24.9945

■ 250.5700, 2.1840,
-0.4999

Harmonies

Analogous

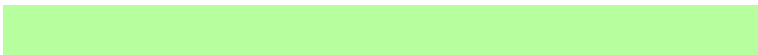
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.8470, -48.2386, 25.5672



235.8640, -54.1630, 12.3973



222.4140, -31.7561, -34.5661

Triad

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



235.8640, -54.1630, 12.3973



178.7550, 37.5888, -156.7681



222.1280, 16.2059, 28.8287

Complementary

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



235.8640, -54.1630, 12.3973



140.1360, 54.1630, -12.3973

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.



232.6940, 10.9969, 19.5624



235.8640, -54.1630, 12.3973



196.6950, 28.7444, -119.8815

Square

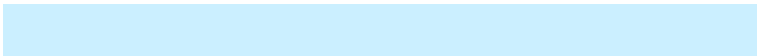
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.8640, -54.1630, 12.3973



178.7550, 37.5888, -156.7681



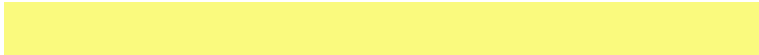
230.0600, 12.2954, -23.7316



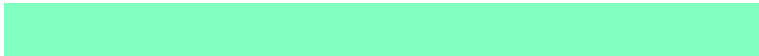
215.8070, -0.3979, 34.3723

Rectangle

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



235.8640, -54.1630, 12.3973



210.1440, -8.9450, -71.1633



230.0600, 12.2954, -23.7316



224.4760, 15.0483, 26.7695

Sweetspot

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



235.8640, -54.1630, 12.3973



250.6680, -16.5983, 3.7992



163.0760, -18.2785, 76.2323



125.3780, -10.0464, 2.2995



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

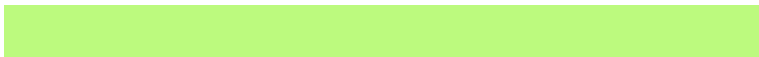
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8640, -54.1630, 12.3973



237.5580, -66.8301, 15.2966



217.3260, -45.0237, -25.7189



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



140.1360, 54.1630, -12.3973



119.4420, 66.8301, -15.2966



158.6740, 45.0237, 25.7189



113.4820, 5.6784, -1.2997



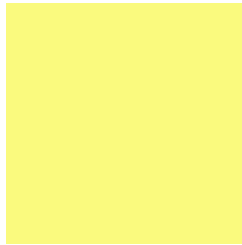
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 235.8640, -54.1630, 12.3973 looks on a white background.

Color Contrast Check

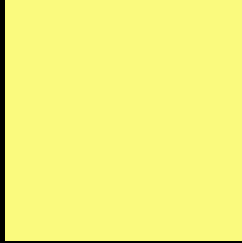
Large Text (above 18pt) WCAG AA × Fail

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 235.8640, -54.1630, 12.3973 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 235.8640, -54.1630, 12.3973

Background



This preview shows how black text looks on a background with the YUV color 235.8640, -54.1630, 12.3973.

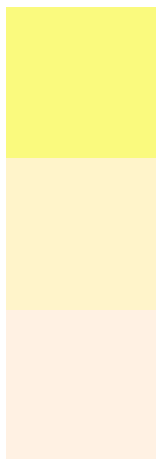


This preview shows how white text looks on a background with the YUV color 235.8640, -54.1630, 12.3973.

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

235.8640, -54.1630, 12.3973

Protanopia

242.5010, -19.9670, 10.9616

Deuteranopia

243.5900, -8.1789, 10.0066



Tritanopia

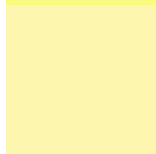
245.0380, 2.4463, 8.7367

Trichromacy



Original Color

235.8640, -54.1630, 12.3973



Protanomaly

239.8850, -32.4813, 11.5019



Deuteranomaly

240.5350, -24.9138, 10.9318



Tritanomaly

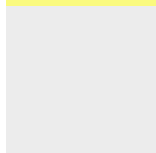
241.6580, -18.0724, 9.9469

Monochromacy



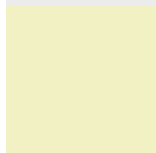
Original Color

235.8640, -54.1630, 12.3973



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

235.8700, -19.6559, 4.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8640, -54.1630, 12.3973 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(250, 250, 126)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 126)  
}
```

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(250, 250, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 126) }
```

Border

The CSS property to change the border of an element to YUV 235.8640, -54.1630, 12.3973 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(250, 250, 126) }
```


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

```
.border{ border-color:rgb(250, 250, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 126);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 235.8640, -54.1630, 12.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 126) }
```

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

```
.background{ background-color: rgb(250,  
250, 126) }
```

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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