

Converting Colors

YUV(236.9260, -44.8265,
4.4499)

Have a look what the booklet for
YUV(236.9260, -44.8265, 4.4499)
contains.

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Color

**YUV(236.9260, -44.8265,
4.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FC92
RGB	242, 252, 146
RGB Percent	95%, 99%, 57%
CMY	0.0510, 0.0118, 0.4275
CMYK	0.04, 0.00, 0.42, 0.01
HSL	66°, 95%, 78%
HSV	66°, 42%, 99%
XYZ	76.6167, 90.5734, 40.6384
YIQ	236.9260, 28.0660, -35.0860

Conversions

Conversions Part 2

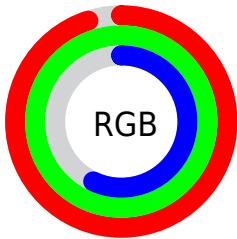
Format	Color
RYB	146, 252, 156
Decimal	15924370
CIELab	96.23, -18.43, 49.51
CIElCh	96, 52.830, 110.421
Yxy	90.5734, 0.3687, 0.4358
Android (android.graphics.Color)	4294114450 (0xFFFF2FC92)
YUV	236.9260, -44.8265, 4.4499
Hunter-Lab	95.1700, -22.8461, 41.3017

Details

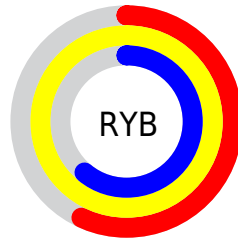
The YUV color $236.9260, -44.8265, 4.4499$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $161.0740, 44.8265, -4.4499$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8440, -23.5871, 5.3988$, and $180.6700, -43.2213, 2.9204$ is the 20% darker color. If you saturate the color by 10%, you get $233.4780, -55.4517, 5.7198$, and if you desaturate by 10%, it is $240.3740, -34.2014, 3.1800$.

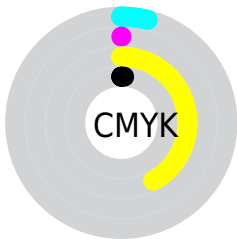
Distribution



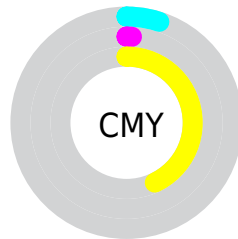
- Red (95%)
- Green (99%)
- Blue (57%)



- Red (57%)
- Yellow (99%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.9260, -44.8265, 4.4499 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 236.9260, -44.8265, 4.4499 by changing the saturation by 10% instead.

236.9260,
-44.8265, 4.4499

236.9260,
-44.8265, 4.4499

255.0000, 0.0000,
0.0000

208.1540,
-43.9529, 4.2499

248.8440,
-23.5871, 5.3988

180.6700,
-43.2213, 2.9204

252.1500,
-10.9200, 2.4994

152.8980,
-42.3477, 2.7205

126.5990,
-42.2003, 2.1057

99.6160, -44.6737,
2.0908

76.7280, -37.8269,
-0.6385

55.4640, -27.3438,

-3.0379

■ 34.7760, -17.1446,
-7.6966

■ 15.8490, -7.8136,
-13.8996

■ 236.9260,
-44.8265, 4.4499

■ 236.9260,
-44.8265, 4.4499

■ 233.4780,
-55.4517, 5.7198

■ 240.3740,
-34.2014, 3.1800

■ 229.7310,
-65.9294, 6.3749

■ 244.1210,
-23.7237, 2.5249

■ 226.1690,
-76.9913, 7.7448

■ 247.6830,
-12.6617, 1.1550

■ 222.4220,
-87.4690, 8.3999

■ 251.4300, -2.1840,
0.4999

■ 218.9740,
-98.0942, 9.6698

■ 252.9400, 1.0156,
0.9296

■ 216.0960,
-106.5353, 10.4398

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

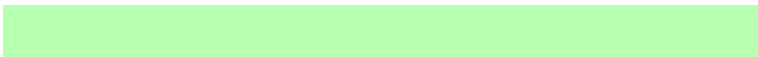
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.4920, -43.1336, 21.4935



236.9260, -44.8265, 4.4499



224.5800, -23.4569, -36.4657

Triad

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



236.9260, -44.8265, 4.4499



178.7550, 37.5888, -156.7681



225.6500, 14.4696, 25.7400

Complementary

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



236.9260, -44.8265, 4.4499



161.0740, 44.8265, -4.4499

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.



233.2810, 10.7075, 19.0476



236.9260, -44.8265, 4.4499



218.5330, 17.9782, -73.2584

Square

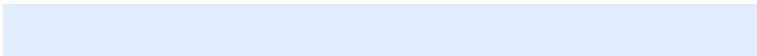
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.9260, -44.8265, 4.4499



178.7550, 37.5888, -156.7681



235.4640, 9.6312, -9.1769



220.6340, -4.7496, 30.1390

Rectangle

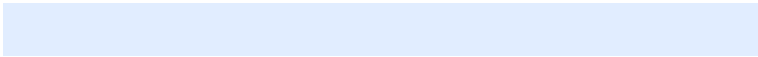
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.9260, -44.8265, 4.4499



214.6590, -3.2829, -67.2299



235.4640, 9.6312, -9.1769



227.4110, 13.6014, 24.1956

Sweetspot

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



236.9260, -44.8265, 4.4499



250.3410, -13.9721, 1.4549



182.9770, -18.2297, 60.5332



125.0080, -8.8779, 0.8700



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

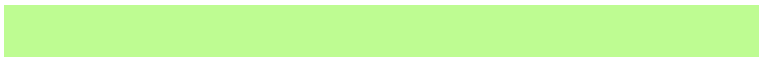
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.9260, -44.8265, 4.4499



236.9340, -53.7045, 5.3199



221.3780, -37.1614, -27.5185



123.2190, -5.5310, 0.6849



162.0720, -79.9015, 7.8299



52.2520, -25.7602, 2.4100

Inverse Universe

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



161.0740, 44.8265, -4.4499



146.0660, 53.7045, -5.3199



176.6220, 37.1614, 27.5185



114.0800, 5.3836, -0.0702



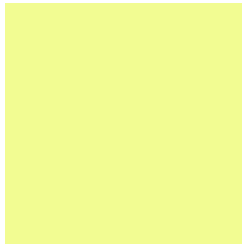
26.9280, 79.9015, -7.8299



8.7480, 25.7602, -2.4100

Previews

White Background



This preview shows how the YUV color 236.9260, -44.8265, 4.4499 looks on a white background.

Color Contrast Check

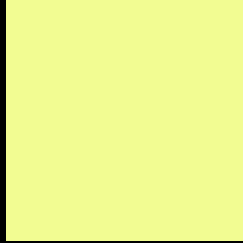
Large Text (above 18pt) WCAG AA × Fail

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 236.9260, -44.8265, 4.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

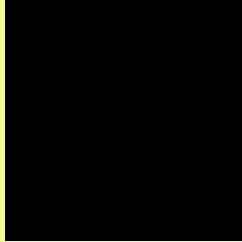
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.9260, -44.8265, 4.4499

Background



This preview shows how black text looks on a background with the YUV color 236.9260, -44.8265, 4.4499.



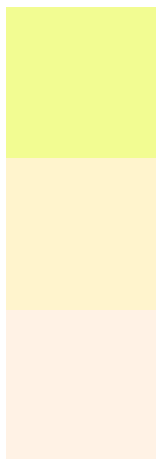
This preview shows how white text looks on a background with the YUV color 236.9260, -44.8265, 4.4499.

4.4499.

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

236.9260, -44.8265, 4.4499

Protanopia

242.8430, -18.6566, 10.6617

Deuteranopia

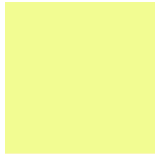
244.4050, -7.5947, 9.2918



Tritanopia

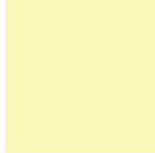
245.5970, 4.6357, 6.4924

Trichromacy



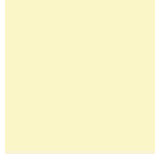
Original Color

236.9260, -44.8265, 4.4499



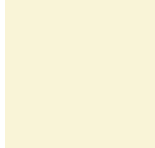
Protanomaly

240.7150, -27.9605, 8.1429



Deuteranomaly

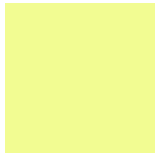
241.8380, -21.1191, 7.1581



Tritanomaly

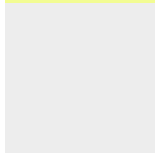
242.1890, -13.4042, 5.9732

Monochromacy



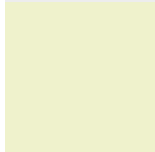
Original Color

236.9260, -44.8265, 4.4499



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

236.7710, -16.1561, 1.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.9260, -44.8265, 4.4499 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(242, 252, 146)` looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 146)  
}
```

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(242, 252, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 146) }
```

Border

The CSS property to change the border of an element to YUV 236.9260, -44.8265, 4.4499 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(242, 252, 146) }
```


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

```
.border{ border-color:rgb(242, 252, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 252, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 146);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 236.9260, -44.8265, 4.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 252, 146) }
```

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

```
.background{ background-color: rgb(242,  
252, 146) }
```

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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