

Converting Colors

YUV(235.8230, -45.2687,
6.2942)

Have a look what the booklet for
YUV(235.8230, -45.2687, 6.2942)
contains.

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Color

**YUV(235.8230, -45.2687,
6.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FA90
RGB	243, 250, 144
RGB Percent	95%, 98%, 56%
CMY	0.0471, 0.0196, 0.4353
CMYK	0.03, 0.00, 0.42, 0.02
HSL	64°, 91%, 77%
HSV	64°, 42%, 98%
XYZ	76.1818, 89.4395, 39.6339
YIQ	235.8230, 29.8540, -34.4500

Conversions

Conversions Part 2

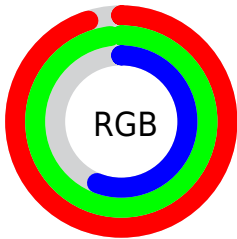
Format	Color
RYB	144, 250, 151
Decimal	15989392
CIELab	95.76, -17.29, 49.89
CIELCh	96, 52.805, 109.111
Yxy	89.4395, 0.3712, 0.4357
Android (android.graphics.Color)	4294179472 (0xFFFF3FA90)
YUV	235.8230, -45.2687, 6.2942
Hunter-Lab	94.5725, -21.7131, 41.3532

Details

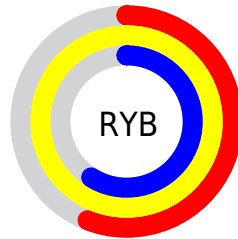
The YUV color $235.8230, -45.2687, 6.2942$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $158.1770, 45.2687, -6.2942$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.6160, -24.4607, 5.5988$, and $179.5670, -43.6635, 4.7647$ is the 20% darker color. If you saturate the color by 10%, you get $232.3750, -55.8939, 7.5641$, and if you desaturate by 10%, it is $239.2710, -34.6436, 5.0243$.

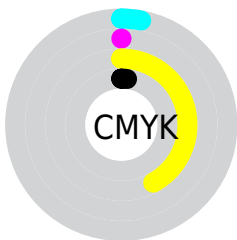
Distribution



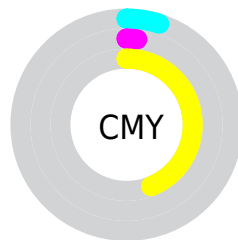
- Red (95%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8230, -45.2687, 6.2942 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 235.8230, -45.2687, 6.2942 by changing the saturation by 10% instead.

235.8230,
-45.2687, 6.2942

235.8230,
-45.2687, 6.2942

255.0000, 0.0000,
0.0000

207.0510,
-44.3951, 6.0943

248.6160,
-24.4607, 5.5988

179.5670,
-43.6635, 4.7647

251.9220,
-11.7935, 2.6994

151.7950,
-42.7899, 4.5648

125.4960,
-42.6425, 3.9500

98.9860, -45.8421,
3.5203

75.8530, -37.3955,
1.0059

54.8770, -27.0544,

-2.5231

■ 34.1890, -16.8552,
-7.1818

■ 15.2620, -7.5242,
-13.3848

■ 235.8230,
-45.2687, 6.2942

■ 235.8230,
-45.2687, 6.2942

■ 232.3750,
-55.8939, 7.5641

■ 239.2710,
-34.6436, 5.0243

■ 229.2260,
-66.6664, 9.4488

■ 242.4200,
-23.8711, 3.1397

■ 225.7780,
-77.2916, 10.7187

■ 245.8680,
-13.2459, 1.8698

■ 222.3300,
-87.9167, 11.9886

■ 249.3160, -2.6208,
0.5999

■ 219.1810,
-98.6892, 13.8733

■ 250.8690, 2.0366,
0.1149

■ 216.4170,
-106.6936, 14.5433

■ 251.4670, 1.7418,
1.3444

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

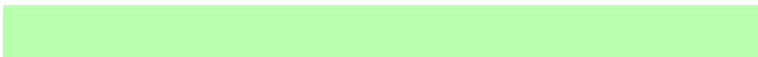
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.2040, -42.9916, 22.6231



235.8230, -45.2687, 6.2942



224.5370, -24.9147, -35.5509

Triad

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



235.8230, -45.2687, 6.2942



178.7550, 37.5888, -156.7681



225.0630, 14.7589, 26.2547

Complementary

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



235.8230, -45.2687, 6.2942



158.1770, 45.2687, -6.2942

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



235.8230, -45.2687, 6.2942



216.7390, 18.8627, -76.9471

Square

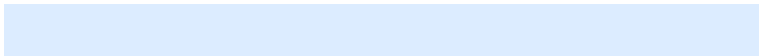
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.8230, -45.2687, 6.2942



178.7550, 37.5888, -156.7681



233.3820, 10.6577, -11.7360



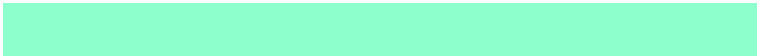
220.1610, -4.0234, 30.5538

Rectangle

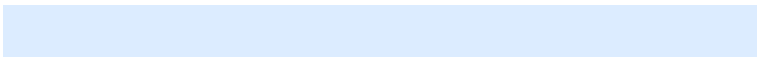
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.8230, -45.2687, 6.2942



214.9150, -4.8881, -65.7005



233.3820, 10.6577, -11.7360



227.4110, 13.6014, 24.1956

Sweetspot

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



235.8230, -45.2687, 6.2942



250.6400, -14.1195, 2.0697



178.6290, -17.0721, 62.5924



125.0080, -8.8779, 0.8700



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

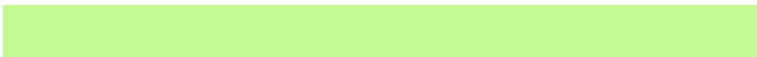
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8230, -45.2687, 6.2942



237.4890, -55.4571, 7.4641



220.5740, -37.7510, -25.0594



123.2190, -5.5310, 0.6849



163.5670, -80.6385, 10.9037



52.8500, -26.0550, 3.6396

Inverse Universe

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



158.1770, 45.2687, -6.2942



142.5110, 55.4571, -7.4641



173.4260, 37.7510, 25.0594



113.7810, 5.5310, -0.6849



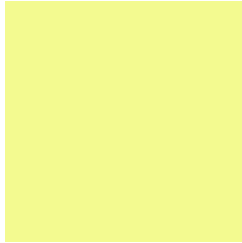
25.1340, 80.7859, -11.5185



8.1500, 26.0551, -3.6396

Previews

White Background



This preview shows how the YUV color 235.8230, -45.2687, 6.2942 looks on a white background.

Color Contrast Check

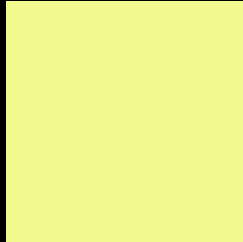
Large Text (above 18pt) WCAG AA × Fail

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 235.8230, -45.2687, 6.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

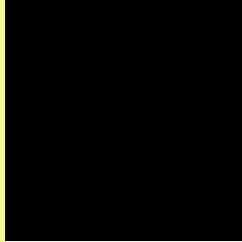
Any Text WCAG AA ✓ Pass

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 235.8230, -45.2687, 6.2942 Background



This preview shows how black text looks on a background with the YUV color 235.8230, -45.2687, 6.2942.

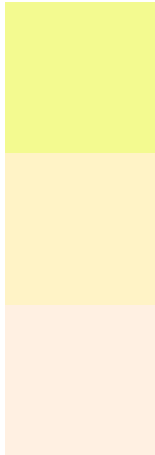


This preview shows how white text looks on a background with the YUV color 235.8230, -45.2687, 6.2942.

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

235.8230, -45.2687, 6.2942

Protanopia

241.4580, -21.4248, 11.8763

Deuteranopia

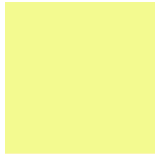
242.8890, -8.3263, 10.6213



Tritanopia

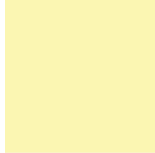
244.4340, 5.2090, 9.2664

Trichromacy



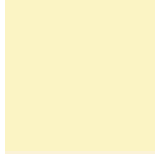
Original Color

235.8230, -45.2687, 6.2942



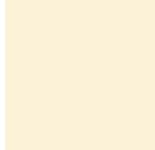
Protanomaly

239.7430, -30.4393, 9.8724



Deuteranomaly

240.6210, -21.9982, 9.1024



Tritanomaly

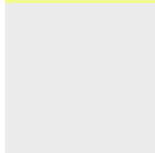
241.6130, -13.1202, 8.2324

Monochromacy



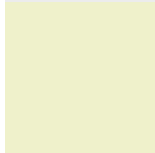
Original Color

235.8230, -45.2687, 6.2942



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.0700, -16.3035, 2.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8230, -45.2687, 6.2942 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(243, 250, 144)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 144)  
}
```

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(243, 250, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 144) }
```

Border

The CSS property to change the border of an element to YUV 235.8230, -45.2687, 6.2942 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(243, 250, 144) }
```


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

```
.border{ border-color:rgb(243, 250, 144) }
```

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

Here you see how a box with a 4 pixel rgb(243, 250, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 144);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 235.8230, -45.2687, 6.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 144) }
```

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

```
.background{ background-color: rgb(243,  
250, 144) }
```

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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