

Converting Colors

YUV(235.5460, -45.1322,
9.1682)

Have a look what the booklet for
YUV(235.5460, -45.1322, 9.1682)
contains.

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Color

**YUV(235.5460, -45.1322,
9.1682)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F890
RGB	246, 248, 144
RGB Percent	96%, 97%, 56%
CMY	0.0353, 0.0275, 0.4353
CMYK	0.01, 0.00, 0.42, 0.03
HSL	61°, 88%, 77%
HSV	61°, 42%, 97%
XYZ	76.6075, 88.7413, 39.4767
YIQ	235.5460, 32.1920, -32.7680

Conversions

Conversions Part 2

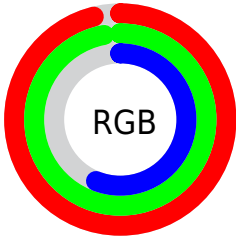
Format	Color
RYB	144, 248, 146
Decimal	16185488
CIELab	95.47, -15.17, 49.58
CIElCh	95, 51.849, 107.010
Yxy	88.7413, 0.3740, 0.4333
Android (android.graphics.Color)	4294375568 (0xFFFF6F890)
YUV	235.5460, -45.1322, 9.1682
Hunter-Lab	94.2026, -19.6946, 41.0956

Details

The YUV color $235.5460, -45.1322, 9.1682$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $156.4540, 45.1322, -9.1682$, 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 $179.2900, -43.5270, 7.6387$ is the 20% darker color. If you saturate the color by 10%, you get $232.6960, -56.0521, 11.6676$, and if you desaturate by 10%, it is $238.3960, -34.2122, 6.6687$.

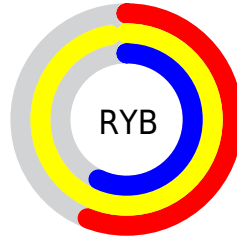
Distribution



Red (96%)

Green (97%)

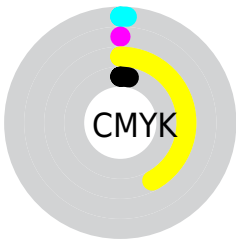
Blue (56%)



Red (56%)

Yellow (97%)

Blue (57%)

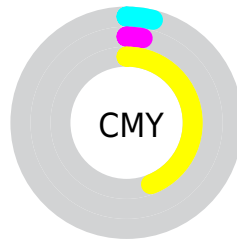


Cyan (1%)

Magenta (0%)

Yellow (42%)

Black (3%)



Cyan (4%)

Magenta (3%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5460, -45.1322, 9.1682 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 235.5460, -45.1322, 9.1682 by changing the saturation by 10% instead.

235.5460,
-45.1322, 9.1682

235.5460,
-45.1322, 9.1682

255.0000, 0.0000,
0.0000

207.3610,
-44.5480, 8.4534

248.6160,
-24.4607, 5.5988

179.2900,
-43.5270, 7.6387

251.9220,
-11.7935, 2.6994

152.1050,
-42.9428, 6.9239

124.9200,
-42.3586, 6.2092

98.8230, -45.2687,
6.2942

76.1630, -37.5484,
3.3650

54.6000, -26.9178,

0.3508

■ 33.9120, -16.7186,
-4.3078

■ 14.0880, -6.9454,
-12.3552

■ 235.5460,
-45.1322, 9.1682

■ 235.5460,
-45.1322, 9.1682

■ 232.6960,
-56.0521, 11.6676

■ 238.3960,
-34.2122, 6.6687

■ 229.5470,
-66.8247, 13.5523

■ 241.5450,
-23.4397, 4.7840

■ 226.8110,
-77.3078, 15.9518

■ 244.2810,
-12.9565, 2.3846

■ 223.6620,
-88.0804, 17.8364

■ 247.4300, -2.1840,
0.4999

■ 220.8120,
-99.0003, 20.3359

■ 248.7980, 3.0576,
-0.6998

■ 218.2330,
-107.5889, 21.7207

■ 249.0970, 2.9102,
-0.0851

■ 249.3960, 2.7628,
0.5297

Harmonies

Analogous

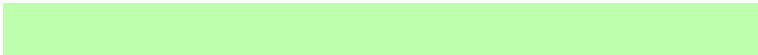
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.2580, -41.5392, 23.4527



235.5460, -45.1322, 9.1682



225.8040, -26.5254, -32.2771

Triad

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



235.5460, -45.1322, 9.1682



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.



235.5460, -45.1322, 9.1682



156.4540, 45.1322, -9.1682

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



235.5460, -45.1322, 9.1682



214.9560, 19.7417, -78.8914

Square

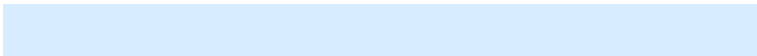
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.5460, -45.1322, 9.1682



180.8480, 36.5569, -152.4647



232.4740, 11.1053, -15.3247



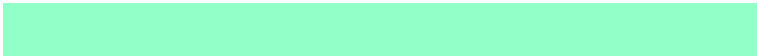
219.9160, -2.4236, 30.7687

Rectangle

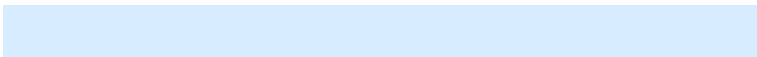
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.5460, -45.1322, 9.1682



216.2530, -7.5197, -61.6119



232.4740, 11.1053, -15.3247



227.4110, 13.6014, 24.1956

Sweetspot

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



235.5460, -45.1322, 9.1682



250.9390, -14.2669, 2.6845



176.2700, -15.9091, 62.9072



125.3070, -9.0254, 1.4848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

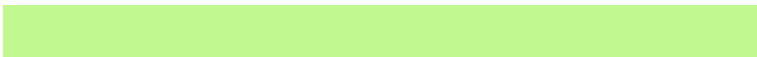
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5460, -45.1322, 9.1682



239.9240, -55.1785, 11.4677



219.9980, -37.4670, -22.8002



123.5180, -5.6784, 1.2997



166.2580, -81.9652, 16.4367



53.7470, -26.4973, 5.4839

Inverse Universe

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



156.4540, 45.1322, -9.1682



143.0760, 55.1785, -11.4677



172.0020, 37.4670, 22.8002



113.7810, 5.5310, -0.6849



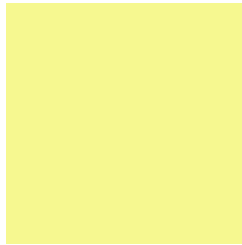
22.7420, 81.9652, -16.4367



7.2530, 26.4973, -5.4839

Previews

White Background



This preview shows how the YUV color 235.5460, -45.1322, 9.1682 looks on a white background.

Color Contrast Check

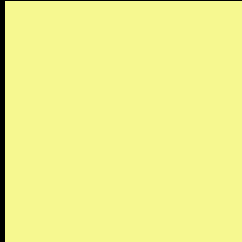
Large Text (above 18pt) WCAG AA × Fail

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 235.5460, -45.1322, 9.1682 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

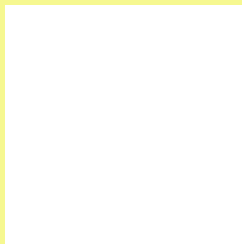
Any Text WCAG AAA ✓ Pass

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

YUV 235.5460, -45.1322, 9.1682 Background



This preview shows how black text looks on a background with the YUV color 235.5460, -45.1322, 9.1682.



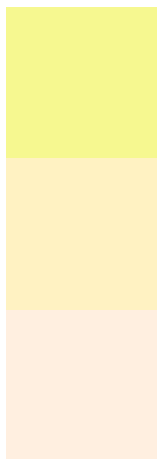
This preview shows how white text looks on a background with the YUV color 235.5460, -45.1322, 9.1682.

9.1682.

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

235.5460, -45.1322, 9.1682

Protanopia

240.4150, -22.8826, 12.7910

Deuteranopia

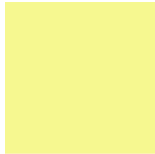
242.0740, -8.9105, 11.3361



Tritanopia

243.9780, 3.4618, 9.6663

Trichromacy



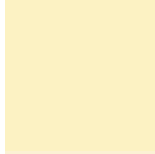
Original Color

235.5460, -45.1322, 9.1682



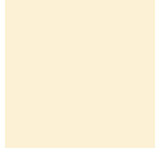
Protanomaly

238.6400, -30.8815, 11.7167



Deuteranomaly

239.6320, -22.0036, 10.8467



Tritanomaly

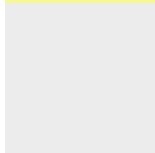
240.9830, -14.2886, 9.6619

Monochromacy



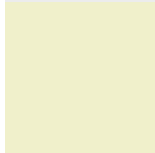
Original Color

235.5460, -45.1322, 9.1682



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

235.7820, -16.1615, 3.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5460, -45.1322, 9.1682 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(246, 248, 144)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 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(246, 248, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 144) }
```

Border

The CSS property to change the border of an element to YUV 235.5460, -45.1322, 9.1682 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(246, 248, 144) }
```


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

```
.border{ border-color:rgb(246, 248, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 248, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 248, 144); box-shadow:4px 4px 4px 4px rgb(246, 248, 144) }
```

Background

The CSS property to change the background color of an element to YUV 235.5460, -45.1322, 9.1682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 144) }
```

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

```
.background{ background-color: rgb(246,  
248, 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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