

# Converting Colors

YUV(218.7800, -46.7265,  
7.2089)

Have a look what the booklet for  
YUV(218.7800, -46.7265, 7.2089)  
contains.

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# Color

**YUV(218.7800, -46.7265,  
7.2089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E97C
RGB	227, 233, 124
RGB Percent	89%, 91%, 49%
CMY	0.1098, 0.0863, 0.5137
CMYK	0.03, 0.00, 0.47, 0.09
HSL	63°, 71%, 70%
HSV	63°, 47%, 91%
XYZ	64.4556, 76.0640, 30.3534
YIQ	218.7800, 31.4130, -35.1710

# Conversions

## Conversions Part 2

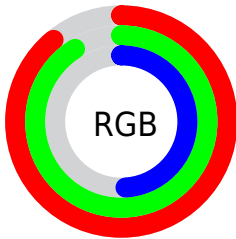
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 233, 130
Decimal	14936444
CIELab	89.89, -17.14, 51.92
CIELCh	90, 54.671, 108.266
Yxy	76.0640, 0.3772, 0.4451
Android (android.graphics.Color)	4293126524 (0xFFE3E97C)
YUV	218.7800, -46.7265, 7.2089
Hunter-Lab	87.2147, -20.7061, 40.4155

# Details

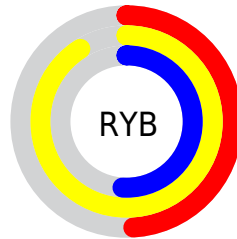
The YUV color **218.7800, -46.7265, 7.2089** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **138.2200, 46.7265, -7.2089**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3360, -33.1966, 7.5983**, and **162.8230, -45.2687, 6.2942** is the 20% darker color. If you saturate the color by 10%, you get **215.8590, -56.6255, 8.8937**, and if you desaturate by 10%, it is **221.7010, -36.8276, 5.5242**.

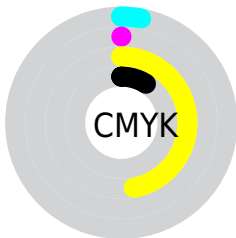
# Distribution



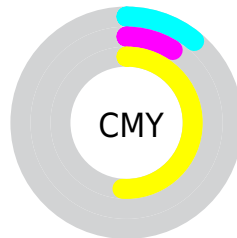
- Red (89%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.7800, -46.7265, 7.2089 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 218.7800, -46.7265, 7.2089 by changing the saturation by 10% instead.



■ 218.7800,  
-46.7265, 7.2089

■ 218.7800,  
-46.7265, 7.2089

■ 255.0000, 0.0000,  
0.0000

■ 190.7090,  
-45.7055, 6.3942

■ 246.3360,  
-33.1966, 7.5983

■ 162.8230,  
-45.2687, 6.2942

■ 249.5280,  
-20.9663, 4.7989

■ 136.2250,  
-44.9739, 5.0647

■ 252.8340, -8.2992,  
1.8996

■ 109.3560,  
-47.0105, 4.9498

■ 85.0120, -41.9109,  
2.6205

■ 63.4490, -31.2804,  
-0.3938

■ 42.7610, -21.0812,

-5.0524

■ 22.3610, -11.0240,  
-10.8406

■ 0.0000, 0.0000,  
0.0000

■ 218.7800,  
-46.7265, 7.2089

■ 218.7800,  
-46.7265, 7.2089

■ 215.8590,  
-56.6255, 8.8937

■ 221.7010,  
-36.8276, 5.5242

■ 212.5250,  
-66.8138, 10.0636

■ 225.0350,  
-26.6393, 4.3543

■ 209.6040,  
-76.7128, 11.7483

■ 227.9560,  
-16.7403, 2.6696

■ 206.6830,  
-86.6117, 13.4330

■ 230.8770, -6.8414,  
0.9849

■ 203.7620,  
-96.5107, 15.1177

■ 233.9120, 3.4944,  
-0.7998

■ 202.5510,  
-99.8576, 15.3028

■ 236.1060, 9.3147,  
-0.9700

■ 236.4050, 9.1673,  
-0.3552

■ 236.7040, 9.0199,  
0.2596

■ 237.3020, 8.7251,  
1.4891

# Harmonies

## Analogous

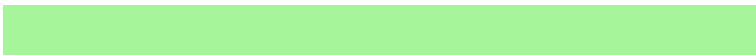
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.0590, -46.3711, 33.2743



218.7800, -46.7265, 7.2089



211.3040, -28.2509, -38.8546

# Triad

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



218.7800, -46.7265, 7.2089



175.2330, 39.3251, -153.6793



213.8130, 17.3472, 36.1210

# Complementary

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



218.7800, -46.7265, 7.2089



138.2200, 46.7265, -7.2089

# 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.



222.7150, 15.9165, 28.3139



218.7800, -46.7265, 7.2089



196.5940, 28.7942, -89.0979

# Square

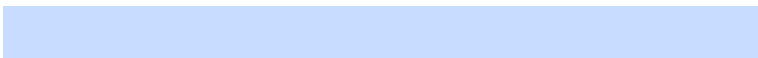
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.7800, -46.7265, 7.2089



177.5810, 38.1676, -155.7385



217.7110, 18.3835, -16.4095



207.1840, -5.5137, 41.9346



# Rectangle

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



218.7800, -46.7265, 7.2089



203.5350, -8.6448, -74.1372



217.7110, 18.3835, -16.4095



216.8450, 18.8104, 33.4619

# Sweetspot

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



218.7800, -46.7265, 7.2089



250.2980, -15.4299, 2.3697



159.5260, -17.5143, 64.4367



124.8940, -9.3147, 0.9700



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.



218.7800, -46.7265, 7.2089



236.3060, -61.2829, 9.3786



202.6340, -38.7666, -25.9890



115.7460, -4.8048, 1.0998



157.3760, -77.5864, 11.9482



46.9470, -23.1449, 3.5545



# Inverse Universe

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



138.2200, 46.7265, -7.2089



130.6940, 61.2829, -9.3786



154.3660, 38.7666, 25.9890



107.2540, 4.8048, -1.0998



23.6240, 77.5864, -11.9482



7.0530, 23.1449, -3.5545



# Previews

## White Background



This preview shows how the YUV color 218.7800, -46.7265, 7.2089 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 218.7800, -46.7265, 7.2089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

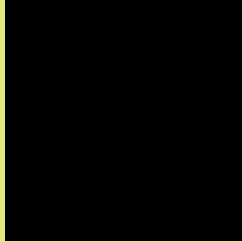
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 218.7800, -46.7265, 7.2089

## Background



This preview shows how black text looks on a background with the YUV color 218.7800, -46.7265, 7.2089.



This preview shows how white text looks on a background with the YUV color 218.7800, -46.7265, 7.2089.



# 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

218.7800, -46.7265, 7.2089

### Protanopia

221.0210, -48.8174, 24.5376

### Deuteranopia

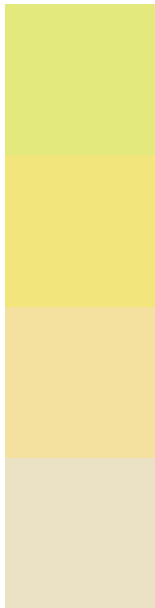
225.7910, -23.0680, 25.6163



## Tritanopia

227.9180, 4.4774, 10.5959

# Trichromacy



## Original Color

218.7800, -46.7265, 7.2089

## Protanomaly

220.5040, -48.0695, 17.9750

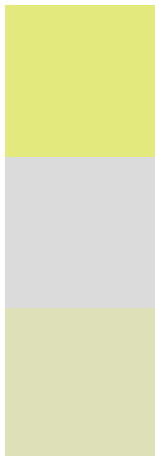
## Deuteranomaly

223.4560, -31.7768, 18.8941

## Tritanomaly

224.6840, -14.1412, 9.0471

# Monochromacy



## Original Color

218.7800, -46.7265, 7.2089

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

218.8420, -17.1771, 2.7696

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.7800, -46.7265, 7.2089 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(227, 233, 124)` looks like.

```
.text, #text, p{  
    color:rgb(227, 233, 124)  
}
```

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(227, 233, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 233, 124) }
```

## Border

The CSS property to change the border of an element to YUV 218.7800, -46.7265, 7.2089 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(227, 233, 124) }
```



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

```
.border{ border-color:rgb(227, 233, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 233, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 233, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 233, 124); box-shadow:4px 4px 4px 4px rgb(227, 233, 124) }
```

# Background

The CSS property to change the background color of an element to YUV 218.7800, -46.7265, 7.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 233, 124) }
```

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

```
.background{ background-color: rgb(227,  
233, 124) }
```

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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