

Converting Colors

YUV(226.9390, -68.0039,
18.4705)

Have a look what the booklet for
YUV(226.9390, -68.0039, 18.4705)
contains.

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Color

**YUV(226.9390, -68.0039,
18.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F359
RGB	248, 243, 89
RGB Percent	97%, 95%, 35%
CMY	0.0275, 0.0471, 0.6510
CMYK	0.00, 0.02, 0.64, 0.03
HSL	58°, 92%, 66%
HSV	58°, 64%, 97%
XYZ	72.5652, 84.7789, 21.9906
YIQ	226.9390, 52.4140, -46.8340

Conversions

Conversions Part 2

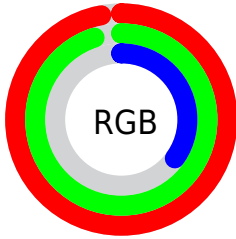
Format	Color
R _Y B	94, 248, 89
Decimal	16315225
CIE Lab	93.79, -16.24, 71.95
CIE LCh	94, 73.757, 102.720
Yxy	84.7789, 0.4046, 0.4727
Android (android.graphics.Color)	4294505305 (0xFFFF8F359)
YUV	226.9390, -68.0039, 18.4705
Hunter-Lab	92.0755, -20.4553, 50.2925

Details

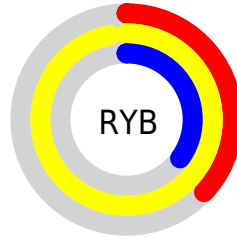
The YUV color **226.9390, -68.0039, 18.4705** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **110.0610, 68.0039, -18.4705**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.5740, -47.6110, 10.8976**, and **168.6030, -71.7823, 17.0112** is the 20% darker color. If you saturate the color by 10%, you get **223.5020, -78.6345, 21.4847**, and if you desaturate by 10%, it is **230.3760, -57.3734, 15.4562**.

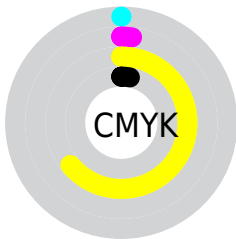
Distribution



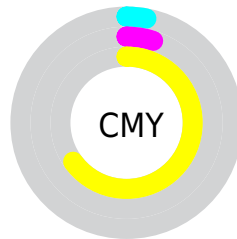
- Red (97%)
- Green (95%)
- Blue (35%)



- Red (37%)
- Yellow (97%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (64%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.9390, -68.0039, 18.4705 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 226.9390, -68.0039, 18.4705 by changing the saturation by 10% instead.

226.9390,
-68.0039, 18.4705

226.9390,
-68.0039, 18.4705

255.0000, 0.0000,
0.0000

198.2270,
-68.1459, 17.3409

242.5740,
-47.6110, 10.8976

168.6030,
-71.7823, 17.0112

245.7660,
-35.3806, 8.0982

141.4610,
-69.7403, 15.3817

249.0720,
-22.7135, 5.1989

117.8270,
-58.0887, 11.5527

252.3780,
-10.0464, 2.2995

94.7800, -46.7265,
7.2089

72.3200, -35.6538,
2.3504

51.0450, -25.1652,

-1.7935

■ 30.3570, -14.9660,
-6.4521

■ 12.9140, -6.3666,
-11.3256

■ 226.9390,
-68.0039, 18.4705

■ 226.9390,
-68.0039, 18.4705

■ 223.5020,
-78.6345, 21.4847

■ 230.3760,
-57.3734, 15.4562

■ 220.0650,
-89.2650, 24.4990

■ 233.8130,
-46.7428, 12.4420

■ 217.3290,
-99.7482, 26.8985

■ 236.5490,
-36.2597, 10.0425

■ 215.0320,
-106.0108, 28.9129

■ 239.9860,
-25.6291, 7.0283

243.4230,
-14.9985, 4.0140

246.8600, -4.3680,
0.9998

248.7980, 3.0576,
-0.6998

249.3850, 2.7682,
-1.2146

249.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



215.8560, -58.5960, 34.3293



226.9390, -68.0039, 18.4705



214.6940, -43.2331, -40.0736

Triad

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



226.9390, -68.0039, 18.4705



178.7550, 37.5888, -156.7681



211.5620, 21.4149, 38.0951

Complementary

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



226.9390, -68.0039, 18.4705



110.0610, 68.0039, -18.4705

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.



226.2370, 14.1802, 25.2252



226.9390, -68.0039, 18.4705



178.7550, 37.5888, -156.7681

Square

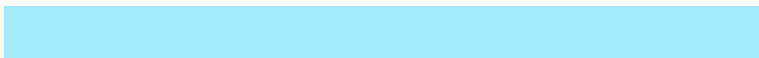
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.9390, -68.0039, 18.4705



178.7550, 37.5888, -156.7681



216.3500, 19.0545, -45.0339



202.3230, 3.7848, 46.1977

Rectangle

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



226.9390, -68.0039, 18.4705



197.0570, -13.8321, -90.3810



216.3500, 19.0545, -45.0339



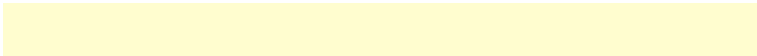
215.6710, 19.3892, 34.4915

Sweetspot

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



226.9390, -68.0039, 18.4705



248.3540, -20.3875, 5.8285



137.1110, -21.2537, 97.2497



123.9930, -12.8145, 3.5141



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.



226.9390, -68.0039, 18.4705



229.1340, -83.8761, 22.6845



207.7480, -58.5428, -29.5970



123.5180, -5.6784, 1.2997



163.9320, -80.8185, 21.9846



52.8720, -26.0659, 7.1283

Inverse Universe

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



110.0610, 68.0039, -18.4705



84.8660, 83.8761, -22.6845



129.2520, 58.5428, 29.5970



114.0690, 5.3890, -1.8145



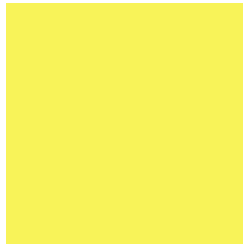
25.0680, 80.8185, -21.9846



8.1280, 26.0659, -7.1283

Previews

White Background



This preview shows how the YUV color 226.9390, -68.0039, 18.4705 looks on a white background.

Color Contrast Check

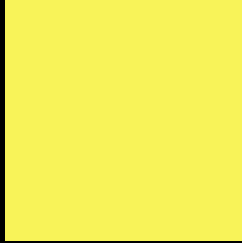
Large Text (above 18pt) WCAG AA × Fail

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 226.9390, -68.0039, 18.4705 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 226.9390, -68.0039, 18.4705

Background



This preview shows how black text looks on a background with the YUV color 226.9390, -68.0039, 18.4705.

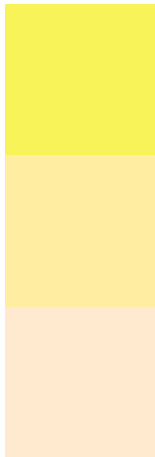


This preview shows how white text looks on a background with the YUV color 226.9390, -68.0039, 18.4705.

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

226.9390, -68.0039, 18.4705

Protanopia

233.8320, -35.4132, 18.5643

Deuteranopia

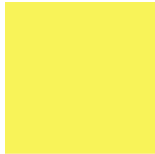
237.3150, -14.4523, 15.5097



Tritanopia

238.9570, 1.9932, 14.0697

Trichromacy



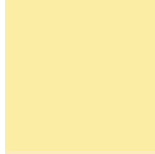
Original Color

226.9390, -68.0039, 18.4705



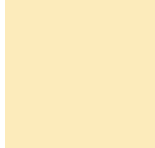
Protanomaly

231.0310, -47.3433, 18.3898



Deuteranomaly

233.2770, -33.6606, 16.4201



Tritanomaly

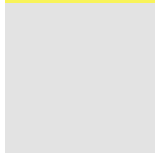
234.6110, -23.4722, 15.2502

Monochromacy



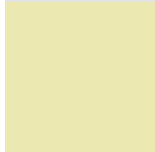
Original Color

226.9390, -68.0039, 18.4705



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

227.2140, -24.7555, 6.8283

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.9390, -68.0039, 18.4705 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(248, 243, 89)` looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 89)  
}
```

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(248, 243, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 89) }
```

Border

The CSS property to change the border of an element to YUV 226.9390, -68.0039, 18.4705 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(248, 243, 89) }
```


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

```
.border{ border-color:rgb(248, 243, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 243, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 89);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 226.9390, -68.0039, 18.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 89) }
```

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

```
.background{ background-color: rgb(248,  
243, 89) }
```

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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