

Converting Colors

YUV(222.5180, -39.2024,
20.5937)

Have a look what the booklet for
YUV(222.5180, -39.2024, 20.5937)
contains.

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Color

**YUV(222.5180, -39.2024,
20.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E28F
RGB	246, 226, 143
RGB Percent	96%, 89%, 56%
CMY	0.0353, 0.1137, 0.4392
CMYK	0.00, 0.08, 0.42, 0.04
HSL	48°, 85%, 76%
HSV	48°, 42%, 96%
XYZ	70.1603, 75.9687, 36.9522
YIQ	222.5180, 38.5630, -21.5730

Conversions

Conversions Part 2

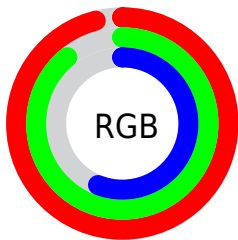
Format	Color
R _Y B	168, 246, 143
Decimal	16179855
CIE Lab	89.84, -4.35, 42.99
CIE LCh	90, 43.206, 95.778
Yxy	75.9687, 0.3832, 0.4149
Android (android.graphics.Color)	4294369935 (0xFFFF6E28F)
YUV	222.5180, -39.2024, 20.5937
Hunter-Lab	87.1600, -8.8447, 35.8756

Details

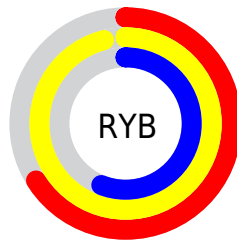
The YUV color $222.5180, -39.2024, 20.5937$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $166.4820, 39.2024, -20.5937$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5020, -24.8975, 5.6987$, and $166.9630, -37.4498, 18.4494$ is the 20% darker color. If you saturate the color by 10%, you get $216.7330, -48.6754, 25.6672$, and if you desaturate by 10%, it is $228.3030, -29.7294, 15.5203$.

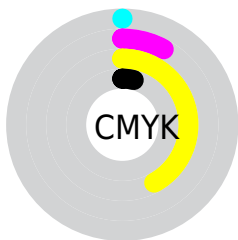
Distribution



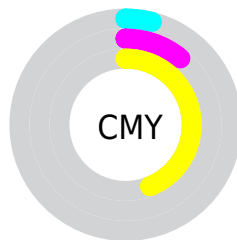
- Red (96%)
- Green (89%)
- Blue (56%)



- Red (66%)
- Yellow (96%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5180, -39.2024, 20.5937 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 222.5180, -39.2024, 20.5937 by changing the saturation by 10% instead.

■ 222.5180,
-39.2024, 20.5937

■ 222.5180,
-39.2024, 20.5937

255.0000, 0.0000,
0.0000

■ 194.4470,
-38.1814, 19.7790

■ 248.5020,
-24.8975, 5.6987

■ 166.9630,
-37.4498, 18.4494

■ 251.6940,
-12.6671, 2.8994

■ 139.8920,
-36.4288, 17.6347

■ 114.2940,
-36.1339, 16.4052

■ 88.5820, -36.2759,
15.2756

■ 65.5970, -32.3393,
12.6314

■ 45.2080, -22.2875,

8.5876

■ 25.4060, -12.5252,
4.0289

■ 0.0000, 0.0000,
0.0000

■ 222.5180,
-39.2024, 20.5937

■ 222.5180,
-39.2024, 20.5937

■ 216.7330,
-48.6754, 25.6672

■ 228.3030,
-29.7294, 15.5203

■ 211.0620,
-57.7116, 30.6406

■ 233.9740,
-20.6932, 10.5468

■ 205.8640,
-67.4740, 35.1993

■ 239.1720,
-10.9308, 5.9882

■ 200.1930,
-76.5101, 40.1727

■ 244.8430, -1.8946,
1.0147

■ 194.4080,
-85.9831, 45.2462

■ 249.3740, 2.7736,
-2.9590

■ 189.7800,
-93.5615, 49.3049

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

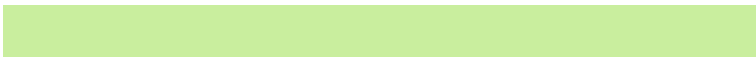
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.9030, -32.9832, 32.5341



222.5180, -39.2024, 20.5937



217.8170, -29.4898, -14.7485

Triad

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



222.5180, -39.2024, 20.5937



195.0000, 29.5800, -107.8710



222.1280, 16.2059, 28.8287

Complementary

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



222.5180, -39.2024, 20.5937



166.4820, 39.2024, -20.5937

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.



225.8720, 14.3601, 14.1443



222.5180, -39.2024, 20.5937



203.4490, 25.4146, -78.4468

Square

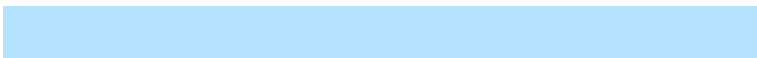
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.5180, -39.2024, 20.5937



202.0380, 15.2643, -89.4873



216.4380, 19.0111, -31.0791



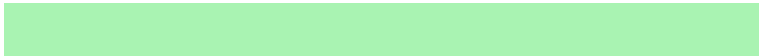
215.0890, 1.9281, 35.0019

Rectangle

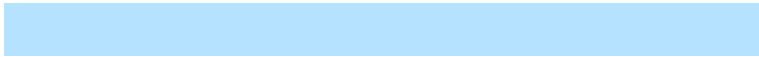
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.5180, -39.2024, 20.5937



213.4640, -17.4838, -38.9949



216.4380, 19.0111, -31.0791



224.4760, 15.0483, 26.7695

Sweetspot

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



222.5180, -39.2024, 20.5937



247.7160, -12.6780, 6.3881



176.1910, -6.0102, 61.2225



123.2580, -8.0152, 4.1587



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.



222.5180, -39.2024, 20.5937



225.8470, -48.2386, 25.5672



224.9890, -40.4206, -8.7604



119.4580, -4.6628, 2.2293



143.6640, -70.8264, 37.1287



45.2300, -22.2984, 12.0763

Inverse Universe

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



166.4820, 39.2024, -20.5937



156.5660, 48.5280, -25.0524



164.0110, 40.4206, 8.7604



113.1290, 4.3734, -2.7441



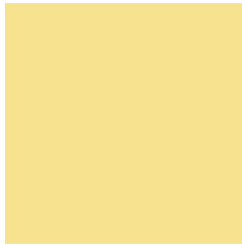
42.3360, 70.8264, -37.1287



13.1830, 22.5878, -11.5615

Previews

White Background



This preview shows how the YUV color 222.5180, -39.2024, 20.5937 looks on a white background.

Color Contrast Check

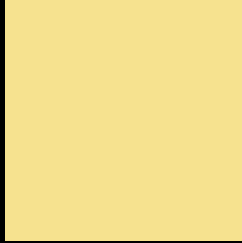
Large Text (above 18pt) WCAG AA × Fail

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 222.5180, -39.2024, 20.5937 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 222.5180, -39.2024, 20.5937

Background



This preview shows how black text looks on a background with the YUV color 222.5180, -39.2024, 20.5937.



This preview shows how white text looks on a background with the YUV color 222.5180, -39.2024,

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

222.5180, -39.2024, 20.5937

Protanopia

222.5180, -39.2024, 20.5937

Deuteranopia

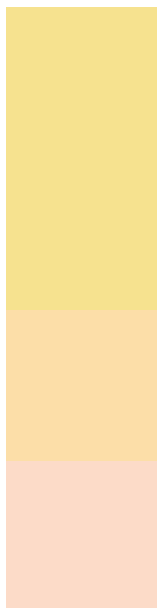
226.2470, -21.3208, 25.2164



Tritanopia

228.8980, 1.5293, 22.8915

Trichromacy



Original Color

222.5180, -39.2024, 20.5937

Protanomaly

222.5180, -39.2024, 20.5937

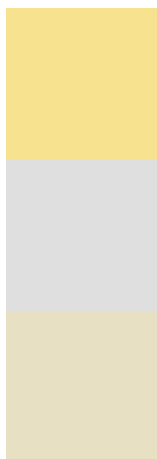
Deuteranomaly

224.8140, -28.0093, 23.8421

Tritanomaly

226.7010, -13.1636, 22.1872

Monochromacy



Original Color

222.5180, -39.2024, 20.5937

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.6730, -14.1358, 7.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5180, -39.2024, 20.5937 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, 226, 143)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 143)  
}
```

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, 226, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 143) }
```

Border

The CSS property to change the border of an element to YUV 222.5180, -39.2024, 20.5937 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, 226, 143) }
```


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

```
.border{ border-color:rgb(246, 226, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 143);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 222.5180, -39.2024, 20.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 143) }
```

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

```
.background{ background-color: rgb(246,  
226, 143) }
```

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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