

Converting Colors

YUV(223.5830, -57.9684,
19.6597)

Have a look what the booklet for
YUV(223.5830, -57.9684, 19.6597)
contains.

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Color

**YUV(223.5830, -57.9684,
19.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EB6A
RGB	246, 235, 106
RGB Percent	96%, 92%, 42%
CMY	0.0353, 0.0784, 0.5843
CMYK	0.00, 0.04, 0.57, 0.04
HSL	55°, 89%, 69%
HSV	55°, 57%, 96%
XYZ	70.3159, 80.0501, 25.3808
YIQ	223.5830, 47.9650, -37.7870

Conversions

Conversions Part 2

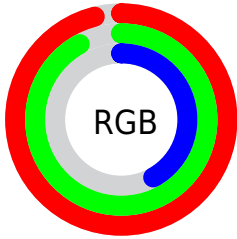
Format	Color
R _Y B	118, 246, 106
Decimal	16182122
CIE Lab	91.71, -12.04, 62.62
CIE LCh	92, 63.763, 100.888
Yxy	80.0501, 0.4001, 0.4555
Android (android.graphics.Color)	4294372202 (0xFFFF6EB6A)
YUV	223.5830, -57.9684, 19.6597
Hunter-Lab	89.4707, -16.2889, 45.8103

Details

The YUV color **223.5830, -57.9684, 19.6597** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **128.4170, 57.9684, -19.6597**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2840, -41.0590, 9.3979**, and **166.8000, -57.0894, 17.7154** is the 20% darker color. If you saturate the color by 10%, you get **219.5590, -68.3096, 23.1888**, and if you desaturate by 10%, it is **227.6070, -47.6273, 16.1307**.

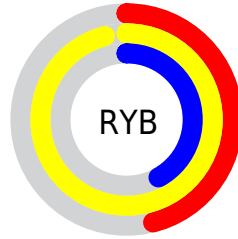
Distribution



Red (96%)

Green (92%)

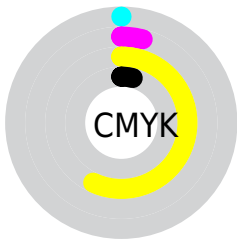
Blue (42%)



Red (46%)

Yellow (96%)

Blue (42%)

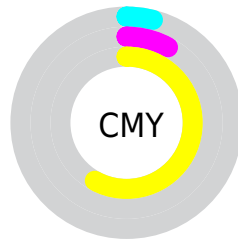


Cyan (0%)

Magenta (4%)

Yellow (57%)

Black (4%)



Cyan (4%)

Magenta (8%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.5830, -57.9684, 19.6597 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 223.5830, -57.9684, 19.6597 by changing the saturation by 10% instead.

223.5830,
-57.9684, 19.6597

223.5830,
-57.9684, 19.6597

255.0000, 0.0000,
0.0000

195.0990,
-57.2368, 18.3302

244.2840,
-41.0590, 9.3979

166.8000,
-57.0894, 17.7154

247.4760,
-28.8287, 6.5985

138.8770,
-60.5784, 16.7709

250.7820,
-16.1615, 3.6992

113.4190,
-55.9156, 14.5415

254.0880, -3.4944,
0.7998

90.6710, -44.7008,
10.8125

68.5100, -33.7754,
6.5687

47.5230, -23.4288,

1.2953

■ 28.0200, -13.8139,
-2.6485

■ 7.0440, -3.4727,
-6.1776

■ 223.5830,
-57.9684, 19.6597

■ 223.5830,
-57.9684, 19.6597

■ 219.5590,
-68.3096, 23.1888

■ 227.6070,
-47.6273, 16.1307

■ 215.6490,
-78.2140, 26.6178

■ 231.5170,
-37.7229, 12.7016

■ 211.6250,
-88.5551, 30.1469

■ 235.5410,
-27.3817, 9.1725

■ 207.7150,
-98.4595, 33.5759

■ 239.4510,
-17.4773, 5.7435

■ 206.8030,
-101.9539, 34.3758

■ 243.4750, -7.1362,
2.2144

■ 247.4990, 3.2050,
-1.3146

■ 248.7870, 3.0630,
-2.4442

■ 249.3740, 2.7736,
-2.9590

■ 250.5480, 2.1948,
-3.9886

Harmonies

Analogous

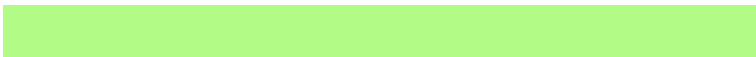
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.8590, -49.7235, 35.2037



223.5830, -57.9684, 19.6597



216.2480, -40.0553, -32.6665

Triad

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



223.5830, -57.9684, 19.6597



178.7550, 37.5888, -156.7681



214.4970, 19.9680, 35.5211

Complementary

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



223.5830, -57.9684, 19.6597



128.4170, 57.9684, -19.6597

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



223.5830, -57.9684, 19.6597



175.2330, 39.3251, -153.6793

Square

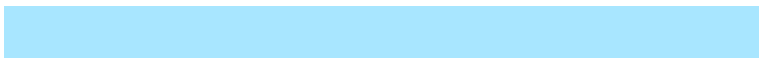
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.5830, -57.9684, 19.6597



178.4130, 36.2784, -156.4682



214.3120, 20.0592, -40.6156



205.9590, 2.4852, 43.0090

Rectangle

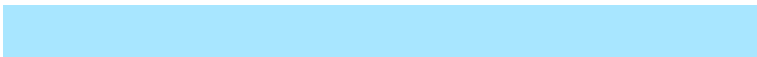
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.5830, -57.9684, 19.6597



205.7280, -18.1069, -72.5525



214.3120, 20.0592, -40.6156



217.4320, 18.5210, 32.9471

Sweetspot

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



223.5830, -57.9684, 19.6597



248.3370, -17.9141, 5.8435



149.2280, -15.3954, 84.8690



123.2750, -10.4886, 4.1438



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.



223.5830, -57.9684, 19.6597



227.0600, -71.5146, 24.5034



212.6980, -52.6021, -21.6601



120.0450, -4.9522, 1.7145



156.5780, -77.1930, 25.8031



49.3390, -24.3241, 8.4727

Inverse Universe

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



128.4170, 57.9684, -19.6597



109.3530, 71.8040, -23.9886



139.3020, 52.6021, 21.6601



111.9550, 4.9522, -1.7145



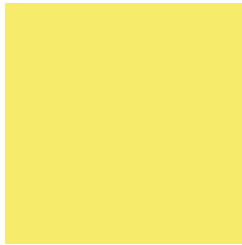
30.0090, 76.9036, -26.3179



9.6610, 24.3241, -8.4727

Previews

White Background



This preview shows how the YUV color 223.5830, -57.9684, 19.6597 looks on a white background.

Color Contrast Check

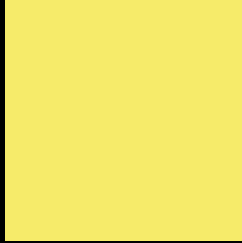
Large Text (above 18pt) WCAG AA × Fail

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 223.5830, -57.9684, 19.6597 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 223.5830, -57.9684, 19.6597

Background



This preview shows how black text looks on a background with the YUV color 223.5830, -57.9684, 19.6597.



This preview shows how white text looks on a background with the YUV color 223.5830, -57.9684, 19.6597.

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

223.5830, -57.9684, 19.6597

Protanopia

225.2940, -52.8959, 26.0522

Deuteranopia

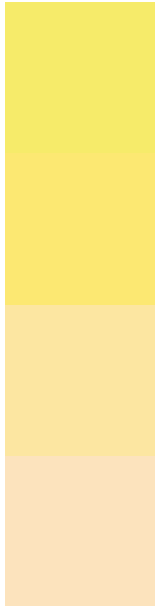
231.4960, -18.9785, 20.6130



Tritanopia

233.5770, 1.6875, 18.7880

Trichromacy



Original Color

223.5830, -57.9684, 19.6597

Protanomaly

224.5280, -54.4903, 24.0929

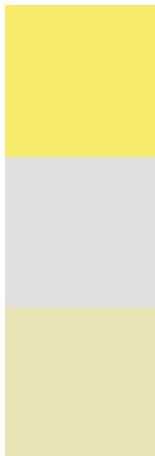
Deuteranomaly

228.7120, -33.3820, 20.4236

Tritanomaly

230.1430, -20.2835, 19.1686

Monochromacy



Original Color

223.5830, -57.9684, 19.6597

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.8380, -21.1191, 7.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.5830, -57.9684, 19.6597 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, 235, 106)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 106)  
}
```

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, 235, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 106) }
```

Border

The CSS property to change the border of an element to YUV 223.5830, -57.9684, 19.6597 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, 235, 106) }
```


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

```
.border{ border-color:rgb(246, 235, 106) }
```

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

Here you see how a box with a 4 pixel rgb(246, 235, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 106);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 223.5830, -57.9684, 19.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 106) }
```

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

```
.background{ background-color: rgb(246,  
235, 106) }
```

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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