

Converting Colors

YUV(229.4930, -85.0390,
22.3696)

Have a look what the booklet for
YUV(229.4930, -85.0390, 22.3696)
contains.

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Color

**YUV(229.4930, -85.0390,
22.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFA39
RGB	255, 250, 57
RGB Percent	100%, 98%, 22%
CMY	0.0000, 0.0196, 0.7765
CMYK	0.00, 0.02, 0.78, 0.00
HSL	58°, 100%, 61%
HSV	58°, 78%, 100%
XYZ	76.1641, 89.9266, 17.2142
YIQ	229.4930, 64.9330, -58.9630

Conversions

Conversions Part 2

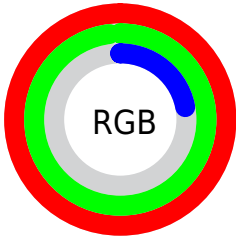
Format	Color
RYB	62, 255, 57
Decimal	16775737
CIELab	95.97, -18.20, 84.90
CIELCh	96, 86.829, 102.098
Yxy	89.9266, 0.4155, 0.4906
Android (android.graphics.Color)	4294965817 (0xFFFFFA39)
YUV	229.4930, -85.0390, 22.3696
Hunter-Lab	94.8296, -22.5864, 55.6180

Details

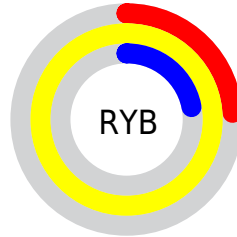
The YUV color **229.4930, -85.0390, 22.3696** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **82.5070, 85.0390, -22.3696**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6100, -58.9677, 13.4970**, and **171.8840, -84.7388, 19.3957** is the 20% darker color. If you saturate the color by 10%, you get **225.9420, -96.1064, 25.4839**, and if you desaturate by 10%, it is **232.9300, -74.4085, 19.3554**.

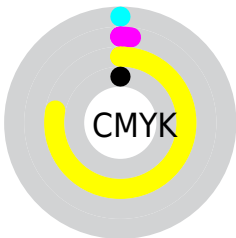
Distribution



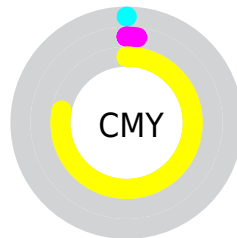
- Red (100%)
- Green (98%)
- Blue (22%)



- Red (24%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (2%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.4930, -85.0390, 22.3696 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 229.4930, -85.0390, 22.3696 by changing the saturation by 10% instead.

229.4930,
-85.0390, 22.3696

229.4930,
-85.0390, 22.3696

255.0000, 0.0000,
0.0000

197.7460,
-95.5168, 23.0248

239.6100,
-58.9677, 13.4970

171.8840,
-84.7388, 19.3957

242.9160,
-46.3006, 10.5977

147.0650,
-72.5030, 14.8520

246.3360,
-33.1966, 7.5983

123.1320,
-60.7041, 10.4082

249.6420,
-20.5295, 4.6990

99.4980, -49.0525,
6.5793

253.0620, -7.4256,
1.6996

76.7390, -37.8323,
1.1059

55.1650, -27.1963,

-3.6527

■ 33.8900, -16.7078,
-7.7965

■ 15.2620, -7.5242,
-13.3848

■ 229.4930,
-85.0390, 22.3696

■ 229.4930,
-85.0390, 22.3696

■ 225.9420,
-96.1064, 25.4839

■ 232.9300,
-74.4085, 19.3554

■ 223.0920,
-107.0264, 27.9833

■ 235.8940,
-63.0517, 16.7560

■ 222.4080,
-109.6471, 28.5832

■ 239.3310,
-52.4212, 13.7417

■ 242.8820,
-41.3538, 10.6275

■ 245.7320,
-30.4339, 8.1280

■ 249.2830,
-19.3665, 5.0138

■ 252.7200, -8.7360,
1.9996

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



214.2940, -69.6579, 35.6992



229.4930, -85.0390, 22.3696



210.3640, -49.4795, -43.2922

Triad

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



229.4930, -85.0390, 22.3696



178.7550, 37.5888, -156.7681



206.8660, 23.7301, 42.2135

Complementary

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



229.4930, -85.0390, 22.3696



82.5070, 85.0390, -22.3696

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



229.4930, -85.0390, 22.3696



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.



229.4930, -85.0390, 22.3696



178.7550, 37.5888, -156.7681



211.7990, 21.2981, -64.7217



196.7950, 7.9891, 51.0458

Rectangle

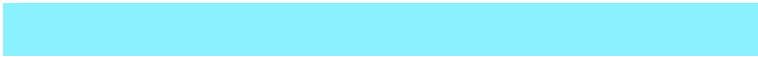
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4930, -85.0390, 22.3696



181.1950, -9.9561, -120.3200



211.7990, 21.2981, -64.7217



212.1490, 21.1255, 37.5803

Sweetspot

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



229.4930, -85.0390, 22.3696



247.6870, -25.4817, 6.4135



117.0000, -26.1290, 121.0260



123.3090, -15.4353, 4.1140



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.



229.4930, -85.0390, 22.3696



224.4600, -101.7848, 26.7836



204.9200, -72.9246, -36.7638



125.9310, -5.3890, 1.8145



166.2910, -81.9815, 21.6698



55.5300, -27.3763, 7.4282

Inverse Universe

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



82.5070, 85.0390, -22.3696



48.5400, 101.7848, -26.7836



107.0800, 72.9246, 36.7638



116.4820, 5.6784, -1.2997



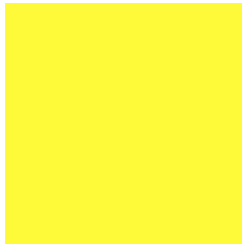
24.7090, 81.9815, -21.6698



8.4700, 27.3763, -7.4282

Previews

White Background



This preview shows how the YUV color 229.4930, -85.0390, 22.3696 looks on a white background.

Color Contrast Check

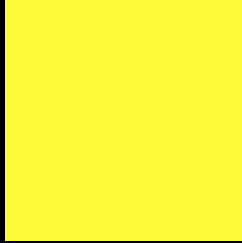
Large Text (above 18pt) WCAG AA × Fail

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 229.4930, -85.0390, 22.3696 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 229.4930, -85.0390, 22.3696

Background



This preview shows how black text looks on a background with the YUV color 229.4930, -85.0390, 22.3696.



This preview shows how white text looks on a background with the YUV color 229.4930, -85.0390, 22.3696.

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



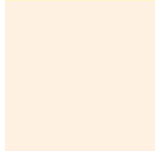
Original Color

229.4930, -85.0390, 22.3696



Protanopia

241.5720, -20.9880, 11.7764



Deuteranopia

243.3620, -9.0525, 10.2065



Tritanopia

244.6960, 1.1359, 9.0366

Trichromacy



Original Color

229.4930, -85.0390, 22.3696



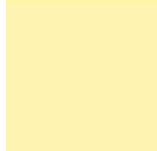
Protanomaly

237.4050, -44.5697, 15.4308



Deuteranomaly

238.1690, -36.5653, 14.7608



Tritanomaly

239.1780, -30.1608, 13.8759

Monochromacy



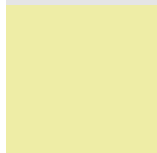
Original Color

229.4930, -85.0390, 22.3696



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

229.2050, -31.1601, 7.7132

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.4930, -85.0390, 22.3696 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(255, 250, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 57)  
}
```

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(255, 250, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 57) }
```

Border

The CSS property to change the border of an element to YUV 229.4930, -85.0390, 22.3696 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(255, 250, 57) }
```


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

```
.border{ border-color:rgb(255, 250, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 229.4930, -85.0390, 22.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 57) }
```

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

```
.background{ background-color: rgb(255,  
250, 57) }
```

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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