

Converting Colors

YUV(222.4390, -52.9674,
2.2460)

Have a look what the booklet for
YUV(222.4390, -52.9674, 2.2460)
contains.

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Color

**YUV(222.4390, -52.9674,
2.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F273
RGB	225, 242, 115
RGB Percent	88%, 95%, 45%
CMY	0.1176, 0.0510, 0.5490
CMYK	0.07, 0.00, 0.52, 0.05
HSL	68°, 83%, 70%
HSV	68°, 52%, 95%
XYZ	65.8980, 80.7496, 28.3327
YIQ	222.4390, 30.6350, -43.1010

Conversions

Conversions Part 2

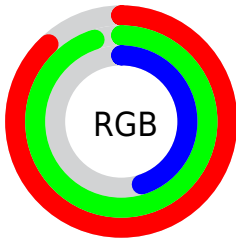
Format	Color
R_{YB}	115, 242, 132
Decimal	14807667
CIE _{Lab}	92.02, -23.07, 58.56
CIE _{LCh}	92, 62.937, 111.502
Yxy	80.7496, 0.3766, 0.4615
Android (android.graphics.Color)	4292997747 (0xFFE1F273)
YUV	222.4390, -52.9674, 2.2460
Hunter-Lab	89.8608, -26.3563, 44.2087

Details

The YUV color $222.4390, -52.9674, 2.2460$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $134.5610, 52.9674, -2.2460$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3100, -37.1278, 8.4981$, and $166.0690, -51.7990, 0.8165$ is the 20% darker color. If you saturate the color by 10%, you get $218.8060, -63.0084, 2.8011$, and if you desaturate by 10%, it is $226.0720, -42.9265, 1.6909$.

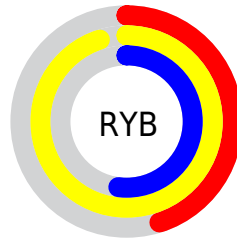
Distribution



Red (88%)

Green (95%)

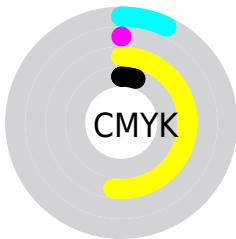
Blue (45%)



Red (45%)

Yellow (95%)

Blue (52%)

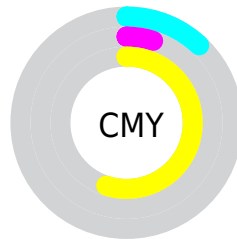


Cyan (7%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4390, -52.9674, 2.2460 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 222.4390, -52.9674, 2.2460 by changing the saturation by 10% instead.

222.4390,
-52.9674, 2.2460

222.4390,
-52.9674, 2.2460

255.0000, 0.0000,
0.0000

194.2540,
-52.3832, 1.5312

245.3100,
-37.1278, 8.4981

166.0690,
-51.7990, 0.8165

248.5020,
-24.8975, 5.6987

138.4280,
-52.9620, 0.5016

251.8080,
-12.2303, 2.7994

111.5590,
-54.9986, 0.3868

88.8110, -43.7838,
-3.3422

66.3620, -32.7165,
-6.4565

44.7880, -22.0805,

-11.2151

■ 23.5020, -11.5865,
-17.1033

■ 7.6310, -3.7621,
-6.6924

■ 222.4390,
-52.9674, 2.2460

■ 222.4390,
-52.9674, 2.2460

■ 218.8060,
-63.0084, 2.8011

■ 226.0720,
-42.9265, 1.6909

■ 215.1730,
-73.0493, 3.3563

■ 229.7050,
-32.8856, 1.1357

■ 211.1270,
-83.3796, 3.3966

■ 233.7510,
-22.5552, 1.0954

■ 207.4940,
-93.4205, 3.9518

■ 237.3840,
-12.5143, 0.5402

204.8440,
-100.9881, 4.5218

241.0170, -2.4734,
-0.0149

244.0800, 5.3836,
-0.0702

245.2760, 4.7939,
2.3889

246.1730, 4.3517,
4.2333

247.0700, 3.9095,
6.0776

Harmonies

Analogous

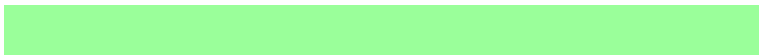
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.6860, -54.0752, 30.9704



222.4390, -52.9674, 2.2460



213.2870, -29.2285, -51.9947

Triad

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



222.4390, -52.9674, 2.2460



178.7550, 37.5888, -156.7681



212.3940, 19.5258, 37.3655

Complementary

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



222.4390, -52.9674, 2.2460



134.5610, 52.9674, -2.2460

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.



222.1280, 16.2059, 28.8287



222.4390, -52.9674, 2.2460



192.6300, 30.7484, -109.3005

Square

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



222.4390, -52.9674, 2.2460



178.7550, 37.5888, -156.7681



222.4620, 16.0412, -11.8062



206.0270, -7.4083, 42.9493

Rectangle

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



222.4390, -52.9674, 2.2460



197.5860, -2.7539, -96.9839



222.4620, 16.0412, -11.8062



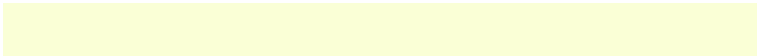
215.0840, 19.6786, 35.0063

Sweetspot

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



222.4390, -52.9674, 2.2460



248.8310, -17.1717, 1.0252



162.9520, -23.6403, 69.3251



123.9540, -10.3303, 0.0403



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.



222.4390, -52.9674, 2.2460



230.0680, -67.0815, 2.5714



203.6020, -43.6808, -36.4850



118.0340, -4.9468, -0.0298



155.5490, -76.6857, 3.0265



47.5230, -23.4288, 1.2953

Inverse Universe

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



134.5610, 52.9674, -2.2460



118.9320, 67.0815, -2.5714



153.3980, 43.6808, 36.4850



109.6670, 5.0942, -0.5850



28.4510, 76.6857, -3.0265



8.7760, 23.2814, -0.6806

Previews

White Background



This preview shows how the YUV color 222.4390, -52.9674, 2.2460 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 222.4390, -52.9674, 2.2460 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 222.4390, -52.9674, 2.2460

Background



This preview shows how black text looks on a background with the YUV color 222.4390, -52.9674, 2.2460.

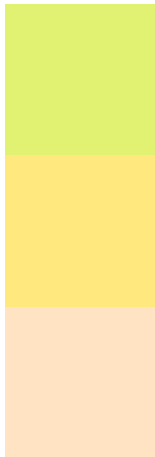


This preview shows how white text looks on a background with the YUV color 222.4390, -52.9674,

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

222.4390, -52.9674, 2.2460

Protanopia

226.6790, -50.1277, 24.8375

Deuteranopia

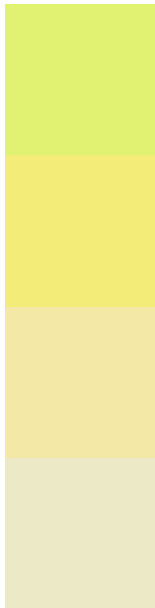
231.7240, -18.1049, 20.4131



Tritanopia

233.6400, 6.0935, 5.5777

Trichromacy



Original Color

222.4390, -52.9674, 2.2460

Protanomaly

225.2820, -51.4110, 16.4157

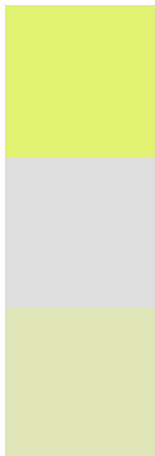
Deuteranomaly

228.0640, -30.5976, 13.9759

Tritanomaly

229.6080, -15.5827, 4.7288

Monochromacy



Original Color

222.4390, -52.9674, 2.2460

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9620, -19.2083, 0.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4390, -52.9674, 2.2460 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(225, 242, 115)` looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 115)  
}
```

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(225, 242, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 115) }
```

Border

The CSS property to change the border of an element to YUV 222.4390, -52.9674, 2.2460 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(225, 242, 115) }
```


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

```
.border{ border-color:rgb(225, 242, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 242, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 115);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 222.4390, -52.9674, 2.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 115) }
```

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

```
.background{ background-color: rgb(225,  
242, 115) }
```

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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