

Converting Colors

YUV(220.4370, -46.5574,
-0.3832)

Have a look what the booklet for
YUV(220.4370, -46.5574, -0.3832)
contains.

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Color

**YUV(220.4370, -46.5574,
-0.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEF7E
RGB	220, 239, 126
RGB Percent	86%, 94%, 49%
CMY	0.1373, 0.0627, 0.5059
CMYK	0.08, 0.00, 0.47, 0.06
HSL	70°, 78%, 72%
HSV	70°, 47%, 94%
XYZ	64.1476, 78.4550, 31.5011
YIQ	220.4370, 24.9490, -39.1710

Conversions

Conversions Part 2

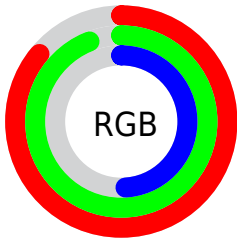
Format	Color
R _Y B	126, 239, 145
Decimal	14479230
CIE Lab	90.99, -22.57, 52.18
CIE LCh	91, 56.855, 113.389
Yxy	78.4550, 0.3684, 0.4506
Android (android.graphics.Color)	4292669310 (0xFFDCEF7E)
YUV	220.4370, -46.5574, -0.3832
Hunter-Lab	88.5748, -25.7328, 40.9163

Details

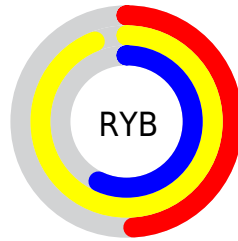
The YUV color $220.4370, -46.5574, -0.3832$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $144.5630, 46.5574, 0.3832$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $164.4800, -45.0996, -1.2980$ is the 20% darker color. If you saturate the color by 10%, you get $216.5050, -56.4510, -0.4429$, and if you desaturate by 10%, it is $224.3690, -36.6639, -0.3236$.

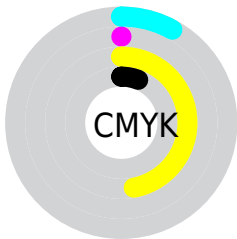
Distribution



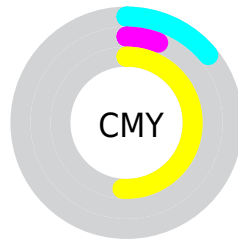
- Red (86%)
- Green (94%)
- Blue (49%)



- Red (49%)
- Yellow (94%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (47%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.4370, -46.5574, -0.3832 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 220.4370, -46.5574, -0.3832 by changing the saturation by 10% instead.

■ 220.4370,
-46.5574, -0.3832

■ 220.4370,
-46.5574, -0.3832

■ 255.0000, 0.0000,
0.0000

■ 192.2520,
-45.9732, -1.0980

■ 246.5640,
-32.3231, 7.3984

■ 164.4800,
-45.0996, -1.2980

■ 249.7560,
-20.0927, 4.5990

■ 137.2950,
-44.5154, -2.0127

■ 253.0620, -7.4256,
1.6996

■ 110.4260,
-46.5520, -2.1276

■ 86.1530, -42.4734,
-3.6422

■ 64.5900, -31.8429,
-6.6564

■ 43.0160, -21.2069,

-11.4150

■ 21.4310, -10.5655,
-17.9180

■ 4.1090, -2.0257,
-3.6036

■ 220.4370,
-46.5574, -0.3832

■ 220.4370,
-46.5574, -0.3832

■ 216.5050,
-56.4510, -0.4429

■ 224.3690,
-36.6639, -0.3236

■ 212.5730,
-66.3445, -0.5025

■ 228.3010,
-26.7704, -0.2640

■ 208.6410,
-76.2380, -0.5622

■ 232.2330,
-16.8769, -0.2043

■ 204.7090,
-86.1315, -0.6218

■ 236.1650, -6.9833,
-0.1447

■ 200.8910,
-95.5883, -0.7814

■ 240.0970, 2.9102,
-0.0851

■ 199.7940,
-98.4984, -0.6963

■ 242.3190, 6.2517,
1.4742

■ 243.5150, 5.6621,
3.9333

■ 244.7110, 5.0725,
6.3925

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

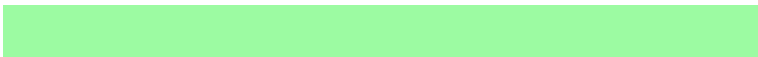
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.1250, -49.8546, 30.5854



220.4370, -46.5574, -0.3832



212.4490, -24.8714, -49.5058

Triad

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



220.4370, -46.5574, -0.3832



176.4070, 38.7463, -154.7089



213.2430, 15.1632, 36.6209

Complementary

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



220.4370, -46.5574, -0.3832



144.5630, 46.5574, 0.3832

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



220.4370, -46.5574, -0.3832



201.9650, 26.1463, -79.7763

Square

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



220.4370, -46.5574, -0.3832



178.7550, 37.5888, -156.7681



222.7940, 15.8776, -5.9583



207.5600, -9.1501, 41.6049

Rectangle

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



220.4370, -46.5574, -0.3832



201.9290, -2.9230, -89.3917



222.7940, 15.8776, -5.9583



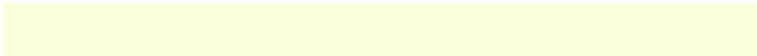
216.2580, 19.0998, 33.9767

Sweetspot

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



220.4370, -46.5574, -0.3832



249.1020, -14.8403, -0.0895



170.9400, -22.1554, 59.6886



124.2960, -9.0199, -0.2596



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.



220.4370, -46.5574, -0.3832



231.2940, -59.7979, -0.2578



203.6930, -38.3026, -34.8108



118.0340, -4.9468, -0.0298



153.7550, -75.8012, -0.6621



46.9250, -23.1340, 0.0658

Inverse Universe

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



144.5630, 46.5574, 0.3832



133.7060, 59.7979, 0.2578



161.3070, 38.3026, 34.8108



109.9660, 4.9468, 0.0298



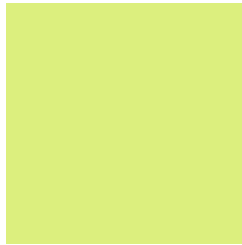
30.2450, 75.8012, 0.6621



9.0750, 23.1340, -0.0658

Previews

White Background



This preview shows how the YUV color 220.4370, -46.5574, -0.3832 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 220.4370, -46.5574, -0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

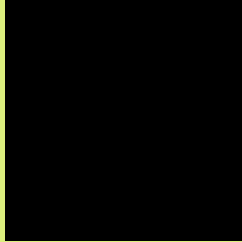
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.4370, -46.5574, -0.3832

Background



This preview shows how black text looks on a background with the YUV color 220.4370, -46.5574, -0.3832.



This preview shows how white text looks on a background with the YUV color 220.4370, -46.5574, -0.3832.

-0.3832.

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

220.4370, -46.5574, -0.3832

Protanopia

223.7930, -49.6909, 24.7375

Deuteranopia

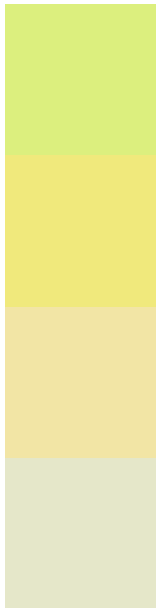
229.1650, -20.2943, 22.6573



Tritanopia

230.4440, 6.6831, 3.1186

Trichromacy



Original Color

220.4370, -46.5574, -0.3832

Protanomaly

222.6670, -48.6428, 15.2010

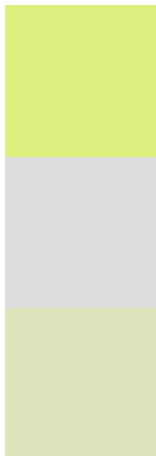
Deuteranomaly

225.5910, -29.8714, 14.3907

Tritanomaly

226.9820, -12.8091, 1.7698

Monochromacy



Original Color

220.4370, -46.5574, -0.3832

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2330, -16.8769, -0.2043

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.4370, -46.5574, -0.3832 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(220, 239, 126)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 126)  
}
```

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(220, 239, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 126) }
```

Border

The CSS property to change the border of an element to YUV 220.4370, -46.5574, -0.3832 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(220, 239, 126) }
```


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

```
.border{ border-color:rgb(220, 239, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 126);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 220.4370, -46.5574, -0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 126) }
```

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

```
.background{ background-color: rgb(220,  
239, 126) }
```

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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