

Converting Colors

YUV(224.0150, -73.4644,
-3.5212)

Have a look what the booklet for
YUV(224.0150, -73.4644, -3.5212)
contains.

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Color

**YUV(224.0150, -73.4644,
-3.5212)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFF4B
RGB	220, 255, 75
RGB Percent	86%, 100%, 29%
CMY	0.1373, 0.0000, 0.7059
CMYK	0.14, 0.00, 0.71, 0.00
HSL	72°, 100%, 65%
HSV	72°, 71%, 100%
XYZ	66.5452, 87.2436, 19.9890
YIQ	224.0150, 36.9200, -63.4000

Conversions

Conversions Part 2

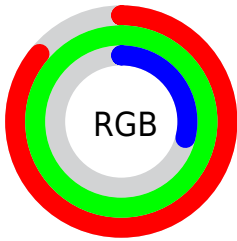
Format	Color
RYB	75, 255, 110
Decimal	14483275
CIELab	94.84, -33.79, 77.44
CIELCh	95, 84.487, 113.572
Yxy	87.2436, 0.3829, 0.5020
Android (android.graphics.Color)	4292673355 (0xFFDCFF4B)
YUV	224.0150, -73.4644, -3.5212
Hunter-Lab	93.4043, -36.2865, 52.6946

Details

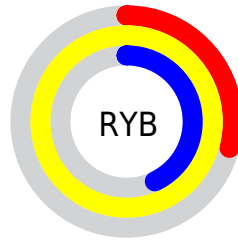
The YUV color **224.0150, -73.4644, -3.5212** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **105.9850, 73.4644, 3.5212**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2060, -52.8526, 12.0973**, and **164.3650, -81.0319, -2.9511** is the 20% darker color. If you saturate the color by 10%, you get **219.6700, -83.6473, -4.0956**, and if you desaturate by 10%, it is **228.4740, -62.8447, -3.0467**.

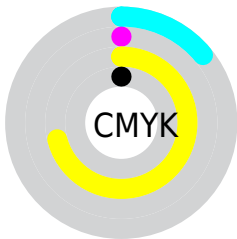
Distribution



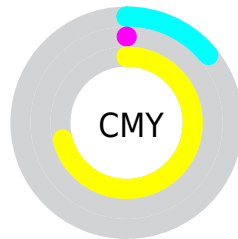
- Red (86%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.0150, -73.4644, -3.5212 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 224.0150, -73.4644, -3.5212 by changing the saturation by 10% instead.

224.0150,
-73.4644, -3.5212

224.0150,
-73.4644, -3.5212

255.0000, 0.0000,
0.0000

194.1460,
-75.5010, -3.6360

241.2060,
-52.8526, 12.0973

164.3650,
-81.0319, -2.9511

244.5120,
-40.1854, 9.1980

139.8450,
-68.9436, -6.8801

247.8180,
-27.5183, 6.2986

115.6240,
-57.0026, -10.1942

251.1240,
-14.8511, 3.3993

91.9900, -45.3511,
-14.0232

254.5440, -1.7472,
0.3999

68.9320, -33.9835,
-20.1114

44.6780, -22.0263,

-28.6586

■ 27.5890, -13.6014,
-24.1956

■ 15.2620, -7.5242,
-13.3848

■ 224.0150,
-73.4644, -3.5212

■ 224.0150,
-73.4644, -3.5212

■ 219.6700,
-83.6473, -4.0956

■ 228.4740,
-62.8447, -3.0467

■ 215.2110,
-94.2670, -4.5700

■ 232.8190,
-52.6618, -2.4723

■ 210.9800,
-104.0131, -5.2445

■ 237.2780,
-42.0421, -1.9978

■ 241.6230,
-31.8591, -1.4234

■ 246.0820,
-21.2394, -0.9489

■ 250.4270,
-11.0565, -0.3745

254.8860, -0.4368,
0.1000

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.



218.3230, -77.0672, 32.1657



224.0150, -73.4644, -3.5212



199.2040, -30.1736, -75.6009

Triad

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



224.0150, -73.4644, -3.5212



178.7550, 37.5888, -156.7681



202.1700, 26.0452, 46.3319

Complementary

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



224.0150, -73.4644, -3.5212



105.9850, 73.4644, 3.5212

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.



217.4320, 18.5210, 32.9471



224.0150, -73.4644, -3.5212



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.



224.0150, -73.4644, -3.5212



178.7550, 37.5888, -156.7681



224.5220, 15.0257, -12.7358



195.9680, -7.8722, 51.7711

Rectangle

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



224.0150, -73.4644, -3.5212



171.4590, 9.6337, -150.3695



224.5220, 15.0257, -12.7358



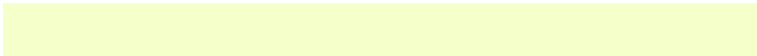
205.6920, 24.3088, 43.2431

Sweetspot

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



224.0150, -73.4644, -3.5212



245.8540, -22.1130, -0.7490



148.1910, -36.0832, 93.6715



122.2590, -12.9457, -1.1041



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.



224.0150, -73.4644, -3.5212



217.7040, -88.5941, -4.1254



197.7030, -60.4926, -57.6215



125.6210, -5.2362, -0.5446



158.1630, -77.9744, -3.6510



52.8170, -26.0388, -1.5935

Inverse Universe

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



105.9850, 73.4644, 3.5212



75.2960, 88.5941, 4.1254



132.2970, 60.4926, 57.6215



117.0800, 5.3836, -0.0702



32.8370, 77.9744, 3.6510



10.8840, 26.1862, 0.9787

Previews

White Background



This preview shows how the YUV color 224.0150, -73.4644, -3.5212 looks on a white background.

Color Contrast Check

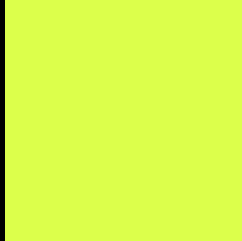
Large Text (above 18pt) WCAG AA × Fail

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 224.0150, -73.4644, -3.5212 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 224.0150, -73.4644, -3.5212

Background



This preview shows how black text looks on a background with the YUV color 224.0150, -73.4644, -3.5212.



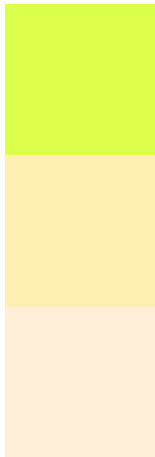
This preview shows how white text looks on a background with the YUV color 224.0150, -73.4644, -3.5212.

-3.5212.

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

224.0150, -73.4644, -3.5212

Protanopia

237.4170, -29.2926, 15.4203

Deuteranopia

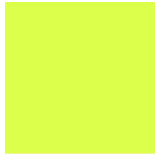
239.8740, -12.2629, 13.2655



Tritanopia

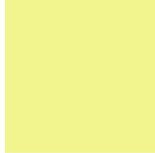
240.2370, 7.2782, -1.0848

Trichromacy



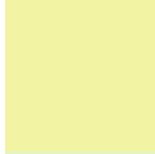
Original Color

224.0150, -73.4644, -3.5212



Protanomaly

232.2470, -44.9848, 8.5534



Deuteranomaly

234.2820, -34.6490, 6.7687



Tritanomaly

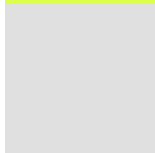
234.2560, -21.8182, -1.9785

Monochromacy



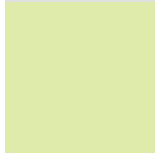
Original Color

224.0150, -73.4644, -3.5212



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

224.0020, -26.6230, -0.8788

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.0150, -73.4644, -3.5212 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, 255, 75)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 75)  
}
```

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, 255, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 75) }
```

Border

The CSS property to change the border of an element to YUV 224.0150, -73.4644, -3.5212 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, 255, 75) }
```


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

```
.border{ border-color:rgb(220, 255, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 75);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 224.0150, -73.4644, -3.5212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 75) }
```

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

```
.background{ background-color: rgb(220,  
255, 75) }
```

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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