

Converting Colors

YIQ(224.3870, 27.2450,
-58.7630)

Have a look what the booklet for
YIQ(224.3870, 27.2450, -58.7630)
contains.

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Color

**YIQ(224.3870, 27.2450,
-58.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FF5E
RGB	214, 255, 94
RGB Percent	84%, 100%, 37%
CMY	0.1610, 0.0000, 0.6311
CMYK	0.16, 0.00, 0.63, 0.00
HSL	75°, 100%, 68%
HSV	75°, 63%, 100%
XYZ	65.4999, 86.6178, 23.8703
YIQ	224.3870, 27.2450, -58.7630

Conversions

Conversions Part 2

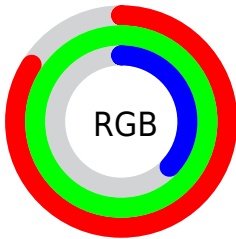
Format	Color
R_{YB}	94, 255, 135
Decimal	14090078
CIE _{Lab}	94.58, -34.98, 70.05
CIE _{LCh}	95, 78.300, 116.533
Yxy	86.6178, 0.3722, 0.4922
Android (android.graphics.Color)	4292280158 (0xFFD6FF5E)
YUV	224.3870, -64.2808, -9.1094
Hunter-Lab	93.0687, -37.2454, 49.9413

Details

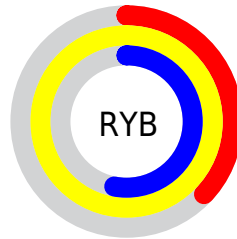
The YIQ color **224.3870, 27.2450, -58.7630** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **124.6130, -27.2450, 58.7630**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.1440, 33.3840, -32.3440**, and **166.4040, 28.5750, -60.8410** is the 20% darker color. If you saturate the color by 10%, you get **219.4440, 31.0980, -68.0220**, and if you desaturate by 10%, it is **229.1450, 22.4750, -49.4050**.

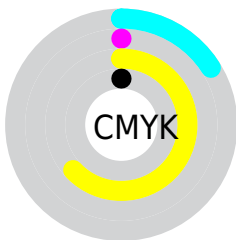
Distribution



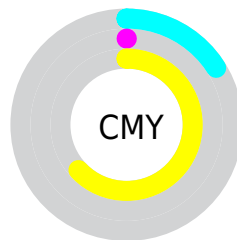
- Red (84%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 224.3870, 27.2450, -58.7630 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 YIQ color 224.3870, 27.2450, -58.7630 by changing the saturation by 10% instead.


 224.3870, 27.2450,
-58.7630

 224.3870, 27.2450,
-58.7630

255.0000, -0.0000,
-0.0000


 195.3870, 27.2450,
-58.7630


 243.1440, 33.3840,
-32.3440


 166.4040, 28.5750,
-60.8410

 246.3360, 24.3960,
-23.6360


 138.3500, 28.6670,
-62.5090

 249.6420, 15.0870,
-14.6170

 114.1290, 19.4040,
-54.3240

 253.0620, 5.4570,
-5.2870

 90.4950, 9.8660,
-46.6620

 67.4480, 0.0530,
-39.5230

 42.2970, -15.3990,

-34.8150

■ 27.0020, -12.6500,
-24.0580

■ 14.6750, -6.8750,
-13.0750

■ 224.3870, 27.2450,
-58.7630

■ 224.3870, 27.2450,
-58.7630

■ 219.4440, 31.0980,
-68.0220

■ 229.1450, 22.4750,
-49.4050

■ 214.6860, 35.8680,
-77.3800

■ 234.0880, 18.6220,
-40.1460

■ 209.7430, 39.7210,
-86.6390

■ 238.8460, 13.8520,
-30.7880

■ 206.4950, 43.1150,
-93.0850

■ 243.7890, 9.9990,
-21.5290

■ 248.5470, 5.2290,
-12.1710

■ 253.4900, 1.3760,
-2.9120

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.



221.9080, 62.8670, -43.5410



224.3870, 27.2450, -58.7630



200.8000, -51.5690, -62.1370

Triad

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



224.3870, 27.2450, -58.7630



178.7550, -151.9800, -54.0600



205.2360, 24.3840, 42.6880

Complementary

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



224.3870, 27.2450, -58.7630



124.6130, -27.2450, 58.7630

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.



218.0190, 17.3250, 32.9490



224.3870, 27.2450, -58.7630



176.4070, -150.8800, -51.9680

Square

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



224.3870, 27.2450, -58.7630



178.7550, -151.9800, -54.0600



227.8440, -7.8880, 10.8000



200.7950, 46.5340, 15.7020

Rectangle

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



224.3870, 27.2450, -58.7630



172.7130, -134.9670, -70.5430



227.8440, -7.8880, 10.8000



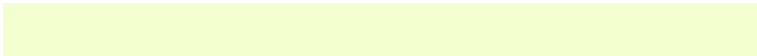
208.6270, 21.7250, 41.3170

Sweetspot

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



224.3870, 27.2450, -58.7630



245.9400, 8.2560, -17.4720



165.6190, 84.9560, 13.2120



122.1880, 4.8620, -11.0260



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.



224.3870, 27.2450, -58.7630



218.2330, 33.0700, -70.7220



200.4670, -20.4350, -75.7230



125.3220, 1.7890, -4.8910



154.5750, 32.1070, -69.7890



51.6210, 10.4120, -23.5080

Inverse Universe

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



124.6130, -27.2450, 58.7630



98.0660, -32.4740, 70.9340



148.5330, 20.4350, 75.7230



117.3790, -2.3850, 4.6790



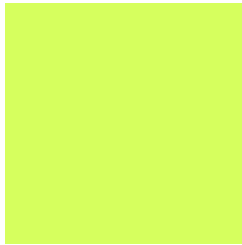
36.4250, -32.1070, 69.7890



12.0800, -11.0080, 23.2960

Previews

White Background



This preview shows how the YIQ color 224.3870, 27.2450, -58.7630 looks on a white background.

Color Contrast Check

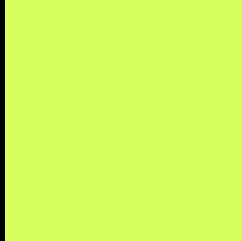
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 224.3870, 27.2450, -58.7630 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](#).

YIQ 224.3870, 27.2450, -58.7630

Background



This preview shows how black text looks on a background with the YIQ color 224.3870, 27.2450, -58.7630.



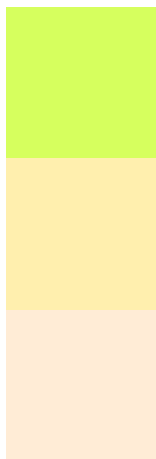
This preview shows how white text looks on a background with the YIQ color 224.3870, 27.2450, -58.7630.

-58.7630.

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

224.3870, 27.2450, -58.7630

Protanopia

236.3740, 30.4010, -16.8230

Deuteranopia

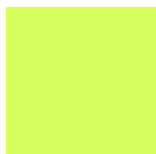
239.1730, 18.3860, -2.8140



Tritanopia

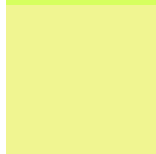
239.0300, -8.7120, 3.7040

Trichromacy



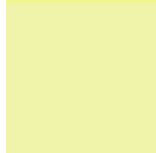
Original Color

224.3870, 27.2450, -58.7630



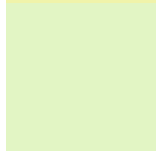
Protanomaly

232.1050, 29.1200, -32.1600



Deuteranomaly

233.7810, 21.6450, -23.3390



Tritanomaly

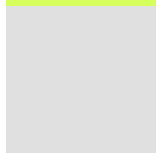
233.7330, 4.4050, -19.2670

Monochromacy



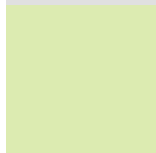
Original Color

224.3870, 27.2450, -58.7630



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.9030, 9.6780, -21.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3870, 27.2450, -58.7630 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(214, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 94)  
}
```

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(214, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 94) }
```

Border

The CSS property to change the border of an element to YIQ 224.3870, 27.2450, -58.7630 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(214, 255, 94) }
```


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

```
.border{ border-color:rgb(214, 255, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3870, 27.2450, -58.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 94) }
```

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

```
.background{ background-color: rgb(214,  
255, 94) }
```

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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