

Converting Colors

YIQ(222.3370, 21.5140,
-59.5260)

Have a look what the booklet for
YIQ(222.3370, 21.5140, -59.5260)
contains.

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Color

**YIQ(222.3370, 21.5140,
-59.5260)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CEFF61 |
| RGB | 206, 255, 97 |
| RGB Percent | 81%, 100%, 38% |
| CMY | 0.1924, 0.0000, 0.6194 |
| CMYK | 0.19, 0.00, 0.62, 0.00 |
| HSL | 79°, 100%, 69% |
| HSV | 79°, 62%, 100% |
| XYZ | 63.3585, 85.4980, 24.4856 |
| YIQ | 222.3370, 21.5140, -59.5260 |

Conversions

Conversions Part 2

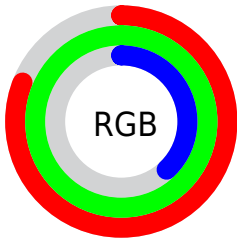
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 97, 255, 146 |
| Decimal | 13565793 |
| CIELab | 94.10, -37.78, 68.20 |
| CIELCh | 94, 77.966, 118.985 |
| Yxy | 85.4980, 0.3655, 0.4932 |
| Android (android.graphics.Color) | 4291755873 (0xFFCEFF61) |
| YUV | 222.3370, -61.7911, -14.3275 |
| Hunter-Lab | 92.4651, -39.5031, 49.0250 |

Details

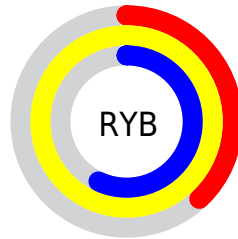
The YIQ color **222.3370, 21.5140, -59.5260** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **129.6630, -21.5140, 59.5260**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.3720, 32.7420, -31.7220**, and **164.5820, 22.2020, -60.9820** is the 20% darker color. If you saturate the color by 10%, you get **217.0950, 24.7710, -68.9970**, and if you desaturate by 10%, it is **227.6930, 17.9360, -49.7440**.

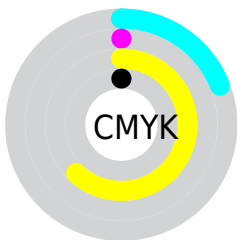
Distribution



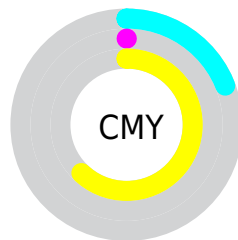
- Red (81%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.3370, 21.5140, -59.5260 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 222.3370, 21.5140, -59.5260 by changing the saturation by 10% instead.

222.3370, 21.5140,
-59.5260

222.3370, 21.5140,
-59.5260

255.0000, -0.0000,
-0.0000

193.3370, 21.5140,
-59.5260

243.3720, 32.7420,
-31.7220

164.5820, 22.2020,
-60.9820

246.6780, 23.4330,
-22.7030

136.2570, 24.4950,
-63.9930

249.9840, 14.1240,
-13.6840

112.0360, 15.2320,
-55.8080

253.2900, 4.8150,
-4.6650

88.1030, 5.0980,
-48.3580

64.4580, -5.9070,
-41.6430

40.5030, -18.9750,

-36.0870

■ 27.0020, -12.6500,
-24.0580

■ 13.5010, -6.3250,
-12.0290

■ 222.3370, 21.5140,
-59.5260

■ 222.3370, 21.5140,
-59.5260

■ 217.0950, 24.7710,
-68.9970

■ 227.6930, 17.9360,
-49.7440

■ 211.7390, 28.3490,
-78.7790

■ 232.9350, 14.6790,
-40.2730

■ 206.4970, 31.6060,
-88.2500

■ 238.2910, 11.1010,
-30.4910

■ 202.3090, 34.7710,
-96.0530

■ 243.5330, 7.8440,
-21.0200

■ 248.8890, 4.2660,
-11.2380

■ 253.8320, 0.4130,
-1.9790

■ 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.



221.6800, 63.5090, -44.1630



222.3370, 21.5140, -59.5260



197.4830, -60.9220, -63.3380

Triad

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



222.3370, 21.5140, -59.5260



178.7550, -151.9800, -54.0600



203.8510, 26.9060, 41.0340

Complementary

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



222.3370, 21.5140, -59.5260



129.6630, -21.5140, 59.5260

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.



215.6710, 18.4250, 35.0410



222.3370, 21.5140, -59.5260



174.0590, -149.7800, -49.8760

Square

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



222.3370, 21.5140, -59.5260



178.7550, -151.9800, -54.0600



227.8880, -2.0200, 14.5880



199.9970, 48.7810, 13.5250

Rectangle

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



222.3370, 21.5140, -59.5260



173.2830, -136.5720, -68.9880



227.8880, -2.0200, 14.5880



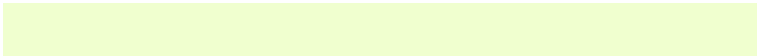
206.8660, 22.5500, 42.8860

Sweetspot

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



222.3370, 21.5140, -59.5260



245.0430, 6.4680, -18.1080



171.8310, 81.2430, 8.9150



121.5900, 3.6700, -11.4500



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.



222.3370, 21.5140, -59.5260



215.8130, 25.5050, -71.2870



199.3140, -24.3780, -75.8500



125.3220, 1.7890, -4.8910



151.5850, 26.1470, -71.9090



50.7240, 8.6240, -24.1440

Inverse Universe

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



129.6630, -21.5140, 59.5260



105.1870, -25.5050, 71.2870



152.6860, 24.3780, 75.8500



117.6780, -1.7890, 4.8910



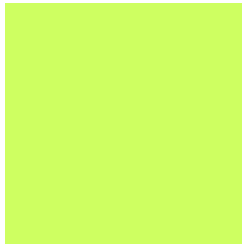
39.4150, -26.1470, 71.9090



13.2760, -8.6240, 24.1440

Previews

White Background



This preview shows how the YIQ color 222.3370, 21.5140, -59.5260 looks on a white background.

Color Contrast Check

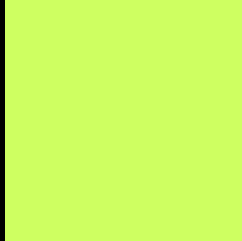
Large Text (above 18pt) WCAG AA × Fail

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 222.3370, 21.5140, -59.5260 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 222.3370, 21.5140, -59.5260

Background



This preview shows how black text looks on a background with the YIQ color 222.3370, 21.5140, -59.5260.



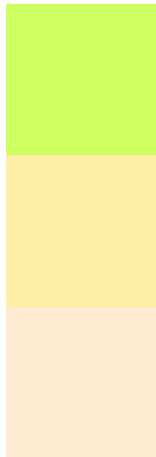
This preview shows how white text looks on a background with the YIQ color 222.3370, 21.5140, -59.5260.

-59.5260.

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

222.3370, 21.5140, -59.5260

Protanopia

234.7610, 33.5650, -19.0990

Deuteranopia

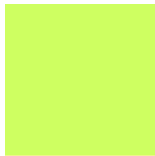
237.5430, 20.2200, -3.0120



Tritanopia

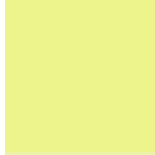
237.2360, -12.2880, 2.4320

Trichromacy



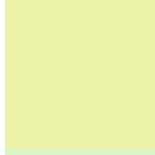
Original Color

222.3370, 21.5140, -59.5260



Protanomaly

230.0510, 29.2120, -33.8280



Deuteranomaly

232.1830, 20.4530, -23.7630



Tritanomaly

231.8680, -0.4090, -20.1290

Monochromacy



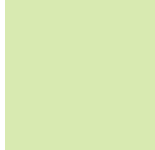
Original Color

222.3370, 21.5140, -59.5260



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.1200, 7.5690, -21.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.3370, 21.5140, -59.5260 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(206, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 97)  
}
```

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(206, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 97) }
```

Border

The CSS property to change the border of an element to YIQ 222.3370, 21.5140, -59.5260 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(206, 255, 97) }
```


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

```
.border{ border-color:rgb(206, 255, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 222.3370, 21.5140, -59.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 97) }
```

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

```
.background{ background-color: rgb(206,  
255, 97) }
```

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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