

Converting Colors

YIQ(222.0270, 2.2560, -51.9200)

Have a look what the booklet for
YIQ(222.0270, 2.2560, -51.9200)
contains.

YIQ(222.0270, 2.2560, -51.9200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(222.0270, 2.2560,
-51.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FF83
RGB	192, 255, 131
RGB Percent	75%, 100%, 51%
CMY	0.2473, 0.0000, 0.4862
CMYK	0.25, 0.00, 0.49, 0.00
HSL	91°, 100%, 76%
HSV	91°, 49%, 100%
XYZ	61.5821, 84.3583, 34.5193
YIQ	222.0270, 2.2560, -51.9200

Conversions

Conversions Part 2

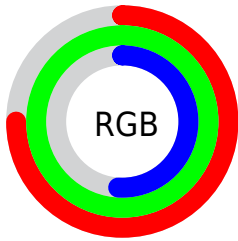
Format	Color
RYB	131, 255, 194
Decimal	12648323
CIELab	93.61, -39.78, 52.60
CIElCh	94, 65.952, 127.101
Yxy	84.3583, 0.3413, 0.4675
Android (android.graphics.Color)	4290838403 (0xFFC0FF83)
YUV	222.0270, -44.8763, -26.3337
Hunter-Lab	91.8468, -41.0499, 42.0094

Details

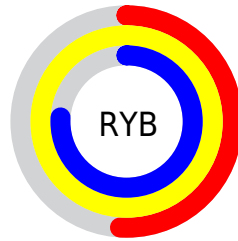
The YIQ color $222.0270, 2.2560, -51.9200$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $163.9730, -2.2560, 51.9200$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6390, 19.1690, -22.5190$, and $165.7820, 1.5680, -50.4640$ is the 20% darker color. If you saturate the color by 10%, you get $215.2900, 2.5330, -62.4510$, and if you desaturate by 10%, it is $228.8780, 1.6580, -41.0780$.

Distribution



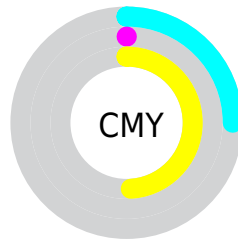
- Red (75%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.0270, 2.2560, -51.9200 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 222.0270, 2.2560, -51.9200 by changing the saturation by 10% instead.

 222.0270, 2.2560,
-51.9200


 222.0270, 2.2560,
-51.9200

255.0000, -0.0000,
-0.0000

 193.2550, 1.6140,
-51.2980


 245.6390, 19.1690,
-22.5190


 165.7820, 1.5680,
-50.4640


 250.4400, 12.8400,
-12.4400

 137.8960, 1.2470,
-50.1530

 253.7460, 3.5310,
-3.4210

 111.1410, 1.9350,
-51.6090

 85.1130, -0.8620,
-50.4780

 60.5820, -12.1880,
-43.4520

 39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 12.3270, -5.7750,
-10.9830

■ 222.0270, 2.2560,
-51.9200

■ 222.0270, 2.2560,
-51.9200

■ 215.2900, 2.5330,
-62.4510

■ 228.8780, 1.6580,
-41.0780

■ 208.4390, 3.1310,
-73.2930

■ 235.6150, 1.3810,
-30.5470

■ 201.7020, 3.4080,
-83.8240

■ 242.4660, 0.7830,
-19.7050

■ 194.8510, 4.0060,
-94.6660

■ 249.2030, 0.5060,
-9.1740

■ 188.1140, 4.2830, 255.0000, -0.0000,
-105.1970 -0.0000

■ 187.0600, 4.3750,
-106.8650

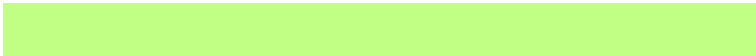
Harmonies

Analogous

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



227.9210, 52.8250, -37.7590



222.0270, 2.2560, -51.9200



200.6750, -69.9100, -54.6300

Triad

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



222.0270, 2.2560, -51.9200



178.7550, -151.9800, -54.0600



208.6150, 30.0260, 28.5380

Complementary

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



222.0270, 2.2560, -51.9200



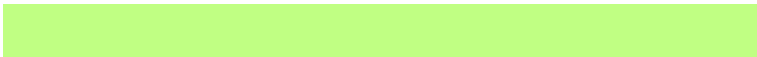
163.9730, -2.2560, 51.9200

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, 17.6000, 33.4720



222.0270, 2.2560, -51.9200



214.5230, -56.1170, -12.7330

Square

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



222.0270, 2.2560, -51.9200



178.7550, -151.9800, -54.0600



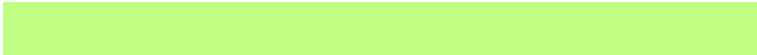
230.9330, 11.2750, 21.4430



208.1180, 46.5820, 3.8140

Rectangle

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



222.0270, 2.2560, -51.9200



175.6770, -143.3130, -62.4570



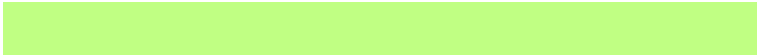
230.9330, 11.2750, 21.4430



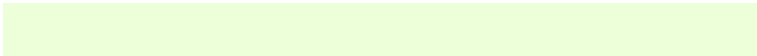
211.5960, 23.0100, 34.5460

Sweetspot

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



222.0270, 2.2560, -51.9200



244.9870, 0.8740, -15.8460



204.4700, 56.8540, -6.1380



121.7900, 0.2310, -9.6970



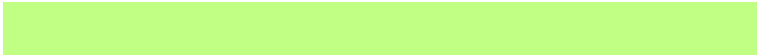
0.0000, 0.0000, 0.0000



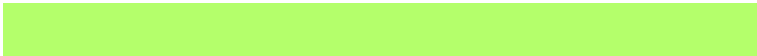
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.0270, 2.2560, -51.9200



215.7030, 2.8080, -61.9280



203.7880, -34.1000, -64.8520



124.4250, 0.0010, -5.5270



140.2230, 3.4990, -79.9650



46.8370, 0.8760, -26.9000

Inverse Universe

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



163.9730, -2.2560, 51.9200



146.2970, -2.8080, 61.9280



182.2120, 34.1000, 64.8520



118.2760, -0.5970, 5.3150



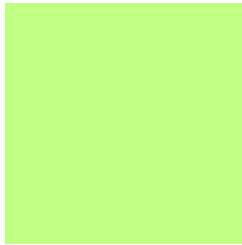
50.7770, -3.4990, 79.9650



16.8640, -1.4720, 26.6880

Previews

White Background



This preview shows how the YIQ color 222.0270, 2.2560, -51.9200 looks on a white background.

Color Contrast Check

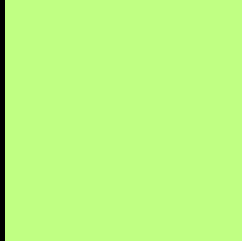
Large Text (above 18pt) WCAG AA × Fail

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 222.0270, 2.2560, -51.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

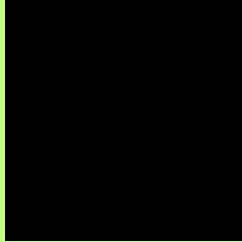
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.0270, 2.2560, -51.9200

Background



This preview shows how black text looks on a background with the YIQ color 222.0270, 2.2560, -51.9200.



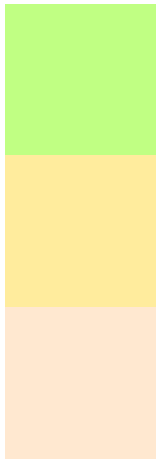
This preview shows how white text looks on a background with the YIQ color 222.0270, 2.2560,

-51.9200.

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

222.0270, 2.2560, -51.9200

Protanopia

232.6750, 36.6830, -20.5410

Deuteranopia

236.1410, 21.4120, -2.5880



Tritanopia

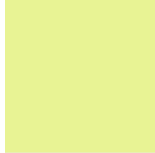
234.5340, -19.1190, -0.4230

Trichromacy



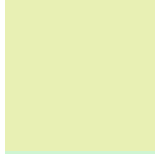
Original Color

222.0270, 2.2560, -51.9200



Protanomaly

228.8810, 23.9390, -31.8770



Deuteranomaly

230.7680, 14.4920, -20.3560



Tritanomaly

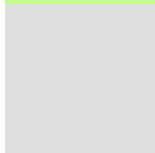
229.6480, -11.4130, -18.9410

Monochromacy



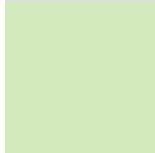
Original Color

222.0270, 2.2560, -51.9200



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.9930, 0.7370, -18.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.0270, 2.2560, -51.9200 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(192, 255, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 131)  
}
```

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(192, 255, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 131) }
```

Border

The CSS property to change the border of an element to YIQ 222.0270, 2.2560, -51.9200 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(192, 255, 131) }
```


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

```
.border{ border-color:rgb(192, 255, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 222.0270, 2.2560, -51.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 131) }
```

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

```
.background{ background-color: rgb(192,  
255, 131) }
```

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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