

Converting Colors

YIQ(210.0070, 31.3710,
-56.4450)

Have a look what the booklet for
YIQ(210.0070, 31.3710, -56.4450)
contains.

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Color

**YIQ(210.0070, 31.3710,
-56.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEE4F
RGB	205, 238, 79
RGB Percent	80%, 93%, 31%
CMY	0.1963, 0.0666, 0.6899
CMYK	0.14, 0.00, 0.67, 0.07
HSL	72°, 82%, 62%
HSV	72°, 67%, 93%
XYZ	57.1564, 74.6950, 18.8143
YIQ	210.0070, 31.3710, -56.4450

Conversions

Conversions Part 2

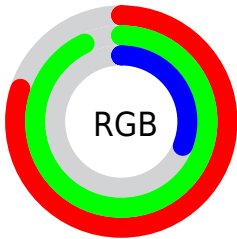
Format	Color
RYB	79, 238, 112
Decimal	13495887
CIELab	89.25, -31.63, 70.07
CIELCh	89, 76.878, 114.296
Yxy	74.6950, 0.3794, 0.4958
Android (android.graphics.Color)	4291685967 (0xFFCDEE4F)
YUV	210.0070, -64.5865, -4.3911
Hunter-Lab	86.4263, -33.1984, 47.5914

Details

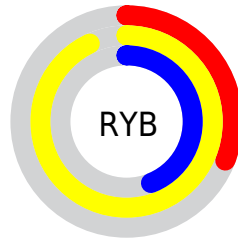
The YIQ color **210.0070, 31.3710, -56.4450** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **106.9930, -31.3710, 56.4450**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **241.4340, 38.1990, -37.0090**, and **151.0150, 36.9200, -63.4000** is the 20% darker color. If you saturate the color by 10%, you get **205.7760, 36.0950, -64.9690**, and if you desaturate by 10%, it is **214.2380, 26.6470, -47.9210**.

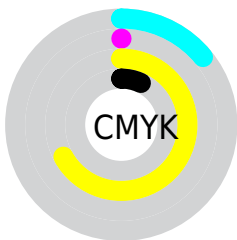
Distribution



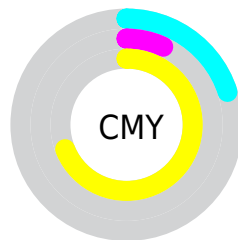
- Red (80%)
- Green (93%)
- Blue (31%)



- Red (31%)
- Yellow (93%)
- Blue (44%)



- Cyan (14%)
- Magenta (0%)
- Yellow (67%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.0070, 31.3710, -56.4450 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 210.0070, 31.3710, -56.4450 by changing the saturation by 10% instead.

210.0070, 31.3710,
-56.4450

210.0070, 31.3710,
-56.4450

255.0000, -0.0000,
-0.0000

181.4800, 31.4170,
-57.2790

241.4340, 38.1990,
-37.0090

151.0150, 36.9200,
-63.4000

244.6260, 29.2110,
-28.3010

126.5660, 28.2990,
-55.8370

247.9320, 19.9020,
-19.2820

102.9320, 18.7610,
-48.1750

251.2380, 10.5930,
-10.2630

80.1840, 9.5440,
-40.8240

254.6580, 0.9630,
-0.9330

56.5390, -1.4610,
-34.1090

32.8720, -15.4000,

-29.2880

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 210.0070, 31.3710,
-56.4450

■ 210.0070, 31.3710,
-56.4450

■ 205.7760, 36.0950,
-64.9690

■ 214.2380, 26.6470,
-47.9210

■ 201.5450, 40.8190,
-73.4930

■ 218.4690, 21.9230,
-39.3970

■ 197.4280, 45.2220,
-81.7060

■ 222.5860, 17.5200,
-31.1840

■ 196.2170, 47.1940,
-84.4060

■ 226.8170, 12.7960,
-22.6600

■ 231.0480, 8.0720,
-14.1360

■ 235.2790, 3.3480,
-5.6120

■ 239.5100, -1.3760,
2.9120

■ 242.0310, -1.2850,
6.7710

■ 243.5260, 1.6950,
7.8310

Harmonies

Analogous

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



210.6750, 71.0730, -38.0710



210.0070, 31.3710, -56.4450



195.7910, -47.3500, -67.0140

Triad

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



210.0070, 31.3710, -56.4450



177.5810, -151.4300, -53.0140



196.4650, 31.1690, 46.3770

Complementary

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



210.0070, 31.3710, -56.4450



106.9930, -31.3710, 56.4450

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.



210.9750, 20.6250, 39.2250



210.0070, 31.3710, -56.4450



168.1890, -147.0300, -44.6460

Square

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



210.0070, 31.3710, -56.4450



178.7550, -151.9800, -54.0600



213.3250, -19.4880, 11.7760



190.4910, 53.5020, 21.5820

Rectangle

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



210.0070, 31.3710, -56.4450



170.4330, -128.5470, -76.7630



213.3250, -19.4880, 11.7760



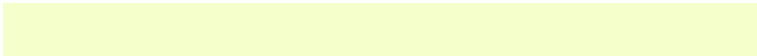
200.9960, 25.3000, 48.1160

Sweetspot

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



210.0070, 31.3710, -56.4450



245.8970, 9.8150, -18.1930



145.3250, 85.9640, 16.9720



122.3730, 5.7790, -11.1250



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.



210.0070, 31.3710, -56.4450



219.1860, 40.4520, -72.3480



186.6850, -15.1170, -72.9810



117.7350, 2.0640, -4.3680



151.3630, 35.8200, -65.4920



46.0280, 10.8240, -19.9600

Inverse Universe

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



106.9930, -31.3710, 56.4450



86.8140, -40.4520, 72.3480



130.3150, 15.1170, 72.9810



109.9660, -2.6600, 4.1560



32.3380, -36.4160, 65.2800



9.9720, -10.8240, 19.9600

Previews

White Background



This preview shows how the YIQ color 210.0070, 31.3710, -56.4450 looks on a white background.

Color Contrast Check

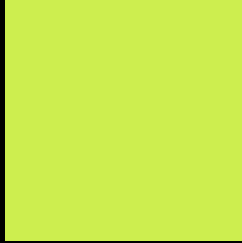
Large Text (above 18pt) WCAG AA × Fail

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 210.0070, 31.3710, -56.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

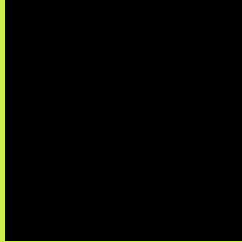
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.0070, 31.3710, -56.4450

Background



This preview shows how black text looks on a background with the YIQ color 210.0070, 31.3710, -56.4450.



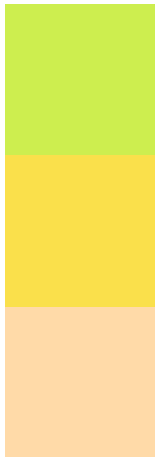
This preview shows how white text looks on a background with the YIQ color 210.0070, 31.3710,

-56.4450.

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

210.0070, 31.3710, -56.4450

Protanopia

214.7880, 63.3250, -40.8270

Deuteranopia

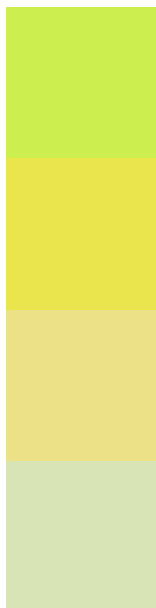
223.3630, 38.1020, -7.7060



Tritanopia

224.6390, -6.0530, 5.0750

Trichromacy



Original Color

210.0070, 31.3710, -56.4450

Protanomaly

213.0530, 52.0930, -46.5230

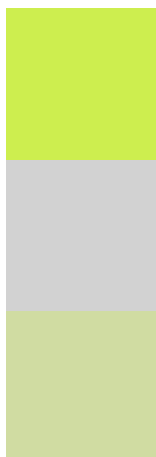
Deuteranomaly

218.4420, 35.7210, -25.1350

Tritanomaly

219.0540, 7.9350, -17.1610

Monochromacy



Original Color

210.0070, 31.3710, -56.4450

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8000, 11.4660, -20.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.0070, 31.3710, -56.4450 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(205, 238, 79)` looks like.

```
.text, #text, p{  
    color:rgb(205, 238, 79)  
}
```

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(205, 238, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 238, 79) }
```

Border

The CSS property to change the border of an element to YIQ 210.0070, 31.3710, -56.4450 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(205, 238, 79) }
```


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

```
.border{ border-color:rgb(205, 238, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 238, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 238, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 238, 79);  
box-shadow:4px 4px 4px 4px rgb(205, 238,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 210.0070, 31.3710, -56.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 238, 79) }
```

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

```
.background{ background-color: rgb(205,  
238, 79) }
```

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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