

# Converting Colors

YIQ(205.2820, -29.3790,  
-56.7950)

Have a look what the booklet for  
YIQ(205.2820, -29.3790, -56.7950)  
contains.

<b>YIQ(205.2820, -29.3790, -56.7950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(205.2820, -29.3790,  
-56.7950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EFA8D
RGB	142, 250, 141
RGB Percent	56%, 98%, 55%
CMY	0.4435, 0.0194, 0.4471
CMYK	0.43, 0.00, 0.44, 0.02
HSL	119°, 92%, 77%
HSV	119°, 44%, 98%
XYZ	50.1479, 76.0656, 37.2352
YIQ	205.2820, -29.3790, -56.7950

# Conversions

## Conversions Part 2

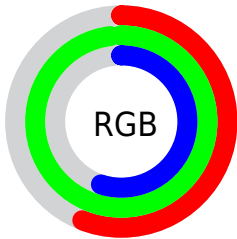
Format	Color
<a href="#">RYB</a>	<a href="#">141, 250, 249</a>
Decimal	<a href="#">9370253</a>
CIELab	<a href="#">89.89, -52.40, 42.71</a>
CIElCh	<a href="#">90, 67.597, 140.817</a>
Yxy	<a href="#">76.0656, 0.3068, 0.4654</a>
Android (android.graphics.Color)	<a href="#">4287560333 (0xFF8EFA8D)</a>
YUV	<a href="#">205.2820, -31.6910, -55.4983</a>
Hunter-Lab	<a href="#">87.2156, -49.9920, 35.7381</a>

# Details

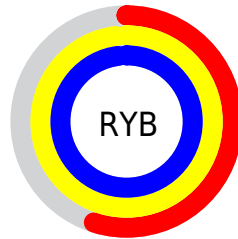
The YIQ color **205.2820, -29.3790, -56.7950** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **185.7180, 29.3790, 56.7950**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8290, -13.8410, -30.0090**, and **148.5530, -31.5800, -55.4520** is the 20% darker color. If you saturate the color by 10%, you get **194.9570, -36.2540, -69.8700**, and if you desaturate by 10%, it is **215.6070, -22.5040, -43.7200**.

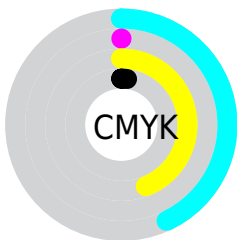
# Distribution



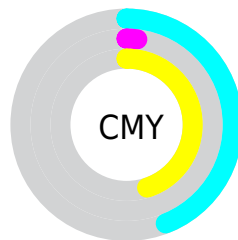
- Red (56%)
- Green (98%)
- Blue (55%)



- Red (55%)
- Yellow (98%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (44%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 205.2820, -29.3790, -56.7950 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 205.2820, -29.3790, -56.7950 by changing the saturation by 10% instead.



■ 205.2820,  
-29.3790, -56.7950

■ 205.2820,  
-29.3790, -56.7950

■ 255.0000, -0.0000,  
-0.0000

■ 176.6240,  
-30.3420, -55.8620

■ 231.8290,  
-13.8410, -30.0090

■ 148.5530,  
-31.5800, -55.4520

■ 243.9910, -4.9490,  
-14.9410

■ 119.5850,  
-34.6060, -55.6780

■ 254.7720, 0.6420,  
-0.6220

■ 85.6370, -49.5520,  
-60.1440


■ 66.5420, -33.0470,  
-56.3990


■ 50.4820, -23.6500,  
-44.9780


■ 36.3940, -17.0500,


-32.4260


 23.4800, -11.0000,  
-20.9200


 0.0000, 0.0000,  
0.0000


 205.2820,  
-29.3790, -56.7950


 205.2820,  
-29.3790, -56.7950


 194.9570,  
-36.2540, -69.8700


 215.6070,  
-22.5040, -43.7200

 184.6320,  
-43.1290, -82.9450

 225.9320,  
-15.6290, -30.6450

 174.6060,  
-49.4080, -95.8080

 235.9580, -9.3500,  
-17.7820

 164.2810,  
-56.2830, -108.8830

 246.2830, -2.4750,  
-4.7070

■ 153.9560,  
-63.1580, -121.9580

■ 252.0650, 1.3750,  
2.6150

■ 147.3480,  
-67.5580, -130.3260

# Harmonies

## Analogous

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



215.2990, 33.8450, -46.2110



205.2820, -29.3790, -56.7950



172.8270, -135.2880, -70.2320

# Triad

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



205.2820, -29.3790, -56.7950



169.3630, -147.5800, -45.6920



198.7720, 45.3410, 20.8050

# Complementary

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



205.2820, -29.3790, -56.7950



185.7180, 29.3790, 56.7950

# 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.



205.5950, 24.7510, 41.5430



205.2820, -29.3790, -56.7950



215.3520, -24.1180, 7.5780

# Square

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



205.2820, -29.3790, -56.7950



177.5810, -151.4300, -53.0140



217.4320, 17.6000, 33.4720



202.9540, 58.3670, -6.0250



# Rectangle

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



205.2820, -29.3790, -56.7950



177.9570, -149.7330, -56.2370



217.4320, 17.6000, 33.4720



199.4050, 39.4250, 28.9050

# Sweetspot

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



205.2820, -29.3790, -56.7950



241.3710, -9.0750, -17.2590



236.4000, 35.5390, -32.8530



119.3270, -5.7750, -10.9830



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.



205.2820, -29.3790, -56.7950



200.6690, -35.3830, -69.1350



211.0250, -46.9880, -40.5240



119.9300, -2.9790, -6.5870



111.5410, -50.7830, -98.4230



36.1060, -16.1790, -31.6910



# Inverse Universe

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



185.7180, 29.3790, 56.7950



176.6300, 35.9790, 69.3470



179.9750, 46.9880, 40.5240



117.3690, 3.5750, 6.7990



77.4590, 50.7830, 98.4230

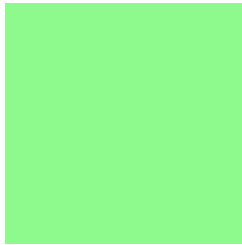


25.1930, 16.7750, 31.9030



# Previews

## White Background



This preview shows how the YIQ color 205.2820, -29.3790, -56.7950 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 205.2820, -29.3790, -56.7950 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

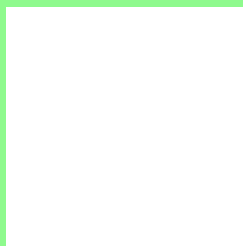
Any Text WCAG AAA ✓ Pass

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

# YIQ 205.2820, -29.3790, -56.7950 Background



This preview shows how black text looks on a background with the YIQ color 205.2820, -29.3790, -56.7950.



This preview shows how white text looks on a background with the YIQ color 205.2820, -29.3790, -56.7950.

-56.7950.

# 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

205.2820, -29.3790, -56.7950

### Protanopia

220.6770, 42.3690, -24.4710

### Deuteranopia

224.7310, 34.2500, -3.9740



## Tritanopia

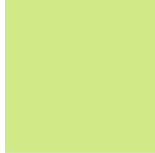
217.5350, -47.2230, -8.7190

# Trichromacy



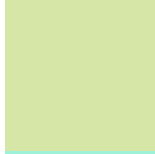
## Original Color

205.2820, -29.3790, -56.7950



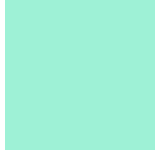
## Protanomaly

214.9400, 16.2830, -36.3010



## Deuteranomaly

217.9200, 11.0080, -23.2960



## Tritanomaly

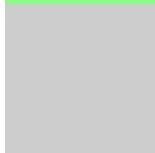
213.1050, -40.8010, -25.9930

# Monochromacy



## Original Color

205.2820, -29.3790, -56.7950



## Achromatopsia

205.0000, -0.0000, 0.0000



## Achromatomaly

204.8930, -10.7250, -20.3970

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 205.2820, -29.3790, -56.7950 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(142, 250, 141)` looks like.

```
.text, #text, p{  
    color:rgb(142, 250, 141)  
}
```

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(142, 250, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 250, 141) }
```

## Border

The CSS property to change the border of an element to YIQ 205.2820, -29.3790, -56.7950 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(142, 250, 141) }
```



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

```
.border{ border-color:rgb(142, 250, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 250, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 250, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 250, 141);  
box-shadow:4px 4px 4px 4px rgb(142, 250,  
141) }
```

# Background

The CSS property to change the background color of an element to YIQ 205.2820, -29.3790, -56.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 250, 141) }
```

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

```
.background{ background-color: rgb(142,  
250, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor