

# Converting Colors

YIQ(185.1190, 24.2230,  
-81.0970)

Have a look what the booklet for  
YIQ(185.1190, 24.2230, -81.0970)  
contains.

<b>YIQ(185.1190, 24.2230, -81.0970)</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(185.1190, 24.2230,  
-81.0970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EE714
RGB	158, 231, 20
RGB Percent	62%, 91%, 8%
CMY	0.3807, 0.0940, 0.9212
CMYK	0.32, 0.00, 0.91, 0.09
HSL	81°, 84%, 49%
HSV	81°, 91%, 91%
XYZ	42.7965, 64.4806, 10.8553
YIQ	185.1190, 24.2230, -81.0970

# Conversions

## Conversions Part 2

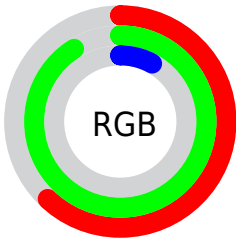
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	20, 231, 93
Decimal	10413844
CIE Lab	84.22, -48.73, 80.05
CIE LCh	84, 93.715, 121.333
Yxy	64.4806, 0.3623, 0.5458
Android (android.graphics.Color)	4288603924 (0xFF9EE714)
YUV	185.1190, -81.4037, -23.7834
Hunter-Lab	80.2998, -45.3917, 48.1948

# Details

The YIQ color **185.1190, 24.2230, -81.0970** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **65.8810, -24.2230, 81.0970**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.5830, 29.6290, -57.9150**, and **132.3260, 10.8790, -70.5370** is the 20% darker color. If you saturate the color by 10%, you get **180.7460, 26.4710, -88.8010**, and if you desaturate by 10%, it is **190.1330, 21.6080, -72.2480**.

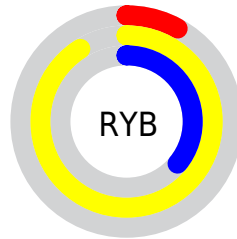
# Distribution



Red (62%)

Green (91%)

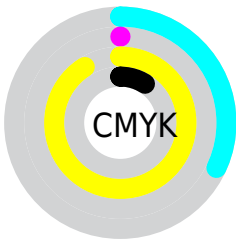
Blue (8%)



Red (8%)

Yellow (91%)

Blue (36%)

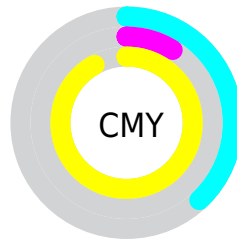


Cyan (32%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (38%)

Magenta (9%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 185.1190, 24.2230, -81.0970 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 185.1190, 24.2230, -81.0970 by changing the saturation by 10% instead.



■ 185.1190, 24.2230,  
-81.0970

■ 185.1190, 24.2230,  
-81.0970

■ 255.0000, -0.0000,  
-0.0000

■ 157.4330, 20.4630,  
-79.0330

■ 225.5830, 29.6290,  
-57.9150

■ 132.3260, 10.8790,  
-70.5370

■ 237.9730, 37.8790,  
-42.2250

■ 107.2080, -0.1720,  
-62.9880

■ 243.3720, 32.7420,  
-31.7220

■ 81.7800, -13.2860,  
-56.5980

■ 246.7920, 23.1120,  
-22.3920

■ 56.3520, -26.4000,  
-50.2080

■ 250.0980, 13.8030,  
-13.3730

■ 42.2640, -19.8000,  
-37.6560

■ 253.5180, 4.1730,

■ 28.7630, -13.4750,

-4.0430

-25.6270

■ 13.5010, -6.3250,  
-12.0290

■ 0.0000, 0.0000,  
0.0000

■ 185.1190, 24.2230,  
-81.0970

■ 185.1190, 24.2230,  
-81.0970

■ 180.7460, 26.4710,  
-88.8010

■ 190.1330, 21.6080,  
-72.2480

■ 195.1470, 18.9930,  
-63.3990

■ 200.1610, 16.3780,  
-54.5500

■ 205.1750, 13.7630,  
-45.7010

■ 210.3030, 10.8270,  
-36.5410

■ 215.3170, 8.2120,  
-27.6920

■ 220.3310, 5.5970,  
-18.8430

■ 225.3450, 2.9820,  
-9.9940

■ 230.3590, 0.3670,  
-1.1450

# Harmonies

## Analogous

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



195.9490, 90.0120, -56.4200



185.1190, 24.2230, -81.0970



156.9080, -105.6200, -90.2920

# Triad

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



185.1190, 24.2230, -81.0970



170.5370, -148.1300, -46.7380



167.1030, 53.2200, 59.7480

# Complementary

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



185.1190, 24.2230, -81.0970



65.8810, -24.2230, 81.0970

# 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.



188.0820, 31.3500, 59.6220



185.1190, 24.2230, -81.0970



158.2100, -142.3550, -35.7550

# Square

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



185.1190, 24.2230, -81.0970



175.2330, -150.3300, -50.9220



200.7540, -6.9740, 27.2820



167.8650, 75.8760, 23.5880



# Rectangle

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



185.1190, 24.2230, -81.0970



166.7970, -126.5760, -73.9360



200.7540, -6.9740, 27.2820



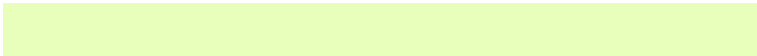
172.8710, 42.4900, 66.9860

# Sweetspot

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



185.1190, 24.2230, -81.0970



239.9580, 7.8450, -26.5470



124.1790, 106.5060, 8.1220



118.8410, 4.2210, -15.9310



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.



185.1190, 24.2230, -81.0970



199.6180, 29.4070, -97.9610



154.3220, -37.1650, -102.9330



112.4360, 1.4680, -4.5800



140.0560, 20.5070, -68.8130



39.8040, 5.6430, -19.6770



# Inverse Universe

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



65.8810, -24.2230, 81.0970



55.3820, -29.4070, 97.9610



96.6780, 37.1650, 102.9330



105.5640, -1.4680, 4.5800



38.9440, -20.5070, 68.8130

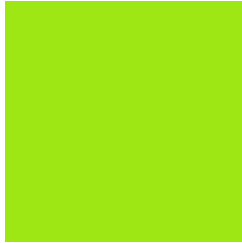


11.1960, -5.6430, 19.6770



# Previews

## White Background



This preview shows how the YIQ color 185.1190, 24.2230, -81.0970 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 185.1190, 24.2230, -81.0970 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 185.1190, 24.2230, -81.0970

## Background



This preview shows how black text looks on a background with the YIQ color 185.1190, 24.2230, -81.0970.



This preview shows how white text looks on a background with the YIQ color 185.1190, 24.2230,

-81.0970.

# 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

185.1190, 24.2230, -81.0970

### Protanopia

194.5180, 80.9800, -57.9320

### Deuteranopia

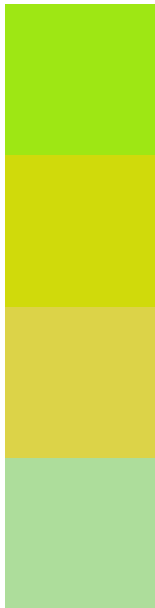
205.1590, 64.5590, -19.1290



## Tritanopia

206.7720, -25.7210, -1.9210

# Trichromacy



## Original Color

185.1190, 24.2230, -81.0970

## Protanomaly

191.4120, 60.4870, -66.4970

## Deuteranomaly

197.8450, 49.9830, -41.3210

## Tritanomaly

199.1240, -7.4220, -30.7020

# Monochromacy



## Original Color

185.1190, 24.2230, -81.0970

## Achromatopsia

185.0000, -0.0000, -0.0000

## Achromatomaly

185.1490, 8.6250, -29.6710

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 185.1190, 24.2230, -81.0970 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(158, 231, 20)` looks like.

```
.text, #text, p{  
    color:rgb(158, 231, 20)  
}
```

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(158, 231, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 231, 20) }
```

## Border

The CSS property to change the border of an element to YIQ 185.1190, 24.2230, -81.0970 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(158, 231, 20) }
```



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

```
.border{ border-color:rgb(158, 231, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 231, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 231, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 231, 20);  
box-shadow:4px 4px 4px 4px rgb(158, 231,  
20) }
```

# Background

The CSS property to change the background color of an element to YIQ 185.1190, 24.2230, -81.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 231, 20) }
```

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

```
.background{ background-color: rgb(158,  
231, 20) }
```

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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