

Converting Colors

YIQ(179.0780, 23.4410,
-66.9190)

Have a look what the booklet for
YIQ(179.0780, 23.4410, -66.9190)
contains.

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Color

**YIQ(179.0780, 23.4410,
-66.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D827
RGB	160, 216, 39
RGB Percent	63%, 85%, 15%
CMY	0.3728, 0.1528, 0.8468
CMYK	0.26, 0.00, 0.82, 0.15
HSL	79°, 69%, 50%
HSV	79°, 82%, 85%
XYZ	39.4138, 56.7376, 10.7987
YIQ	179.0780, 23.4410, -66.9190

Conversions

Conversions Part 2

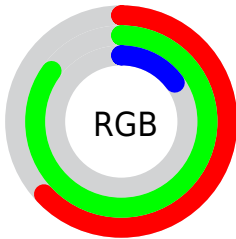
Format	Color
RYB	39, 216, 95
Decimal	10541095
CIELab	80.03, -41.08, 73.00
CIElCh	80, 83.759, 119.367
Yxy	56.7376, 0.3685, 0.5305
Android (android.graphics.Color)	4288731175 (0xFFA0D827)
YUV	179.0780, -69.0585, -16.7314
Hunter-Lab	75.3244, -38.4169, 44.2271

Details

The YIQ color **179.0780, 23.4410, -66.9190** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **75.9220, -23.4410, 66.9190**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7940, 27.6570, -55.2150**, and **125.3040, 17.1130, -62.3670** is the 20% darker color. If you saturate the color by 10%, you get **174.4770, 26.3310, -75.2450**, and if you desaturate by 10%, it is **183.6790, 20.5510, -58.5930**.

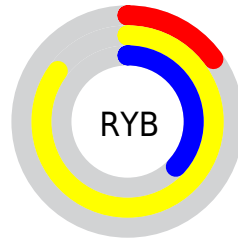
Distribution



Red (63%)

Green (85%)

Blue (15%)



Red (15%)

Yellow (85%)

Blue (37%)

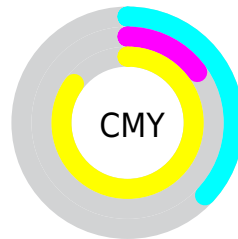


Cyan (26%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (37%)


Magenta (15%)

Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.0780, 23.4410, -66.9190 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 179.0780, 23.4410, -66.9190 by changing the saturation by 10% instead.

 179.0780, 23.4410,
-66.9190


 179.0780, 23.4410,
-66.9190

255.0000, -0.0000,
-0.0000


 149.5250, 26.3760,
-70.5520


 226.7940, 27.6570,
-55.2150

 125.0050, 16.5170,
-62.5790


 238.9560, 36.5490,
-40.1470


 100.7840, 7.2540,
-54.3940


 244.0560, 30.8160,
-29.8560

 77.1390, -3.7510,
-47.6790

 247.3620, 21.5070,
-20.8370

 49.3080, -23.1000,
-43.9320

 250.6680, 12.1980,
-11.8180

 35.2200, -16.5000,
-31.3800

 254.0880, 2.5680,

 22.8930, -10.7250,

-2.4880

-20.3970

■ 0.0000, 0.0000,
0.0000

■ 179.0780, 23.4410,
-66.9190

■ 179.0780, 23.4410,
-66.9190

■ 174.4770, 26.3310,
-75.2450

■ 183.6790, 20.5510,
-58.5930

■ 171.0440, 28.8080,
-81.5920

■ 188.1660, 17.9820,
-50.5780

■ 192.4680, 14.4960,
-42.4640

■ 196.9550, 11.9270,
-34.4490

■ 201.5560, 9.0370,
-26.1230

■ 206.1570, 6.1470,
-17.7970

■ 210.6440, 3.5780,
-9.7820

■ 215.2450, 0.6880,
-1.4560

■ 219.7320, -1.8810,
6.5590

Harmonies

Analogous

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



184.7410, 87.9020, -51.2180



179.0780, 23.4410, -66.9190



147.4190, -99.5690, -84.3130

Triad

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



179.0780, 23.4410, -66.9190



161.7320, -144.0050, -38.8930



168.6530, 54.3670, 55.4790

Complementary

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



179.0780, 23.4410, -66.9190



75.9220, -23.4410, 66.9190

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.



188.6690, 31.0750, 59.0990



179.0780, 23.4410, -66.9190



151.1660, -139.0550, -29.4790

Square

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



179.0780, 23.4410, -66.9190



166.4280, -146.2050, -43.0770



190.9640, -16.3730, 26.9150



167.0330, 75.4630, 25.5670

Rectangle

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



179.0780, 23.4410, -66.9190



155.8090, -117.6820, -69.9220



190.9640, -16.3730, 26.9150



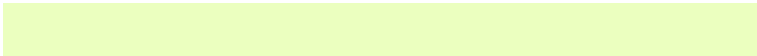
174.6660, 44.3250, 61.2610

Sweetspot

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



179.0780, 23.4410, -66.9190



241.7240, 8.6240, -24.1440



124.7950, 90.0920, 8.2360



119.6670, 4.7710, -14.8850



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.



179.0780, 23.4410, -66.9190



202.8790, 33.1660, -94.4980



152.7660, -29.0070, -85.5750



104.8490, 1.7430, -4.0570



135.3600, 22.7070, -64.6290



34.2110, 6.0550, -16.1290

Inverse Universe

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



75.9220, -23.4410, 66.9190



57.1210, -33.1660, 94.4980



102.5330, 29.6030, 85.7870



98.4500, -1.1470, 4.2690



35.6400, -22.7070, 64.6290



9.0880, -5.4590, 16.3410

Previews

White Background



This preview shows how the YIQ color 179.0780, 23.4410, -66.9190 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 179.0780, 23.4410, -66.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

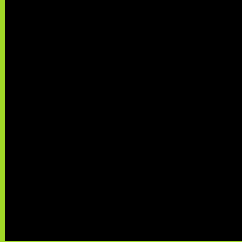
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.0780, 23.4410, -66.9190

Background



This preview shows how black text looks on a background with the YIQ color 179.0780, 23.4410, -66.9190.



This preview shows how white text looks on a background with the YIQ color 179.0780, 23.4410,

-66.9190.

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

179.0780, 23.4410, -66.9190

Protanopia

186.7790, 67.5440, -45.7040

Deuteranopia

190.7780, 78.4530, -28.6430



Tritanopia

196.2460, -18.2480, 0.3120

Trichromacy



Original Color

179.0780, 23.4410, -66.9190

Protanomaly

184.2390, 51.2690, -53.6190

Deuteranomaly

186.3960, 58.5570, -42.5230

Tritanomaly

189.6780, -2.9300, -24.0020

Monochromacy



Original Color

179.0780, 23.4410, -66.9190

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.7240, 8.6240, -24.1440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.0780, 23.4410, -66.9190 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(160, 216, 39)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 39)  
}
```

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(160, 216, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 39) }
```

Border

The CSS property to change the border of an element to YIQ 179.0780, 23.4410, -66.9190 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(160, 216, 39) }
```


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

```
.border{ border-color:rgb(160, 216, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 216, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 39);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 179.0780, 23.4410, -66.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 39) }
```

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

```
.background{ background-color: rgb(160,  
216, 39) }
```

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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