

Converting Colors

YIQ(179.9750, -10.3020,
-77.6460)

Have a look what the booklet for
YIQ(179.9750, -10.3020, -77.6460)
contains.

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Color

**YIQ(179.9750, -10.3020,
-77.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	7AE93B
RGB	122, 233, 59
RGB Percent	48%, 91%, 23%
CMY	0.5219, 0.0861, 0.7685
CMYK	0.48, 0.00, 0.75, 0.09
HSL	98°, 80%, 57%
HSV	98°, 75%, 91%
XYZ	37.9546, 62.7506, 14.2526
YIQ	179.9750, -10.3020, -77.6460

Conversions

Conversions Part 2

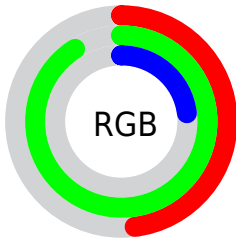
Format	Color
RYB	59, 233, 170
Decimal	8055099
CIELab	83.31, -59.87, 69.68
CIElCh	83, 91.865, 130.670
Yxy	62.7506, 0.3302, 0.5459
Android (android.graphics.Color)	4286245179 (0xFF7AE93B)
YUV	179.9750, -59.6407, -50.8441
Hunter-Lab	79.2153, -53.1016, 44.7831

Details

The YIQ color **179.9750, -10.3020, -77.6460** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **112.0250, 10.3020, 77.6460**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.5550, 0.4690, -58.0830**, and **120.3550, -14.4280, -79.9640** is the 20% darker color. If you saturate the color by 10%, you get **172.8680, -11.8590, -87.9790**, and if you desaturate by 10%, it is **187.0820, -8.7450, -67.3130**.

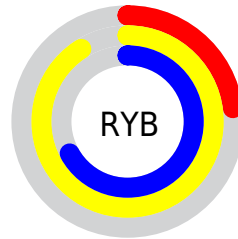
Distribution



Red (48%)

Green (91%)

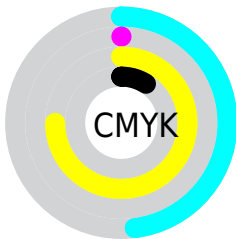
Blue (23%)



Red (23%)

Yellow (91%)

Blue (67%)

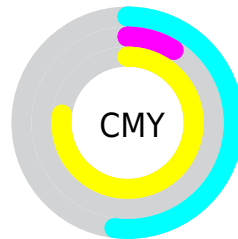


Cyan (48%)

Magenta (0%)

Yellow (75%)

Black (9%)



Cyan (52%)

Magenta (9%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.9750, -10.3020, -77.6460 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 179.9750, -10.3020, -77.6460 by changing the saturation by 10% instead.

■ 179.9750,
-10.3020, -77.6460

■ 179.9750,
-10.3020, -77.6460

■ 255.0000, -0.0000,
-0.0000

■ 149.3510, -8.6050,
-80.8690

■ 217.5550, 0.4690,
-58.0830

■ 120.3550,
-14.4280, -79.9640

■ 229.7170, 9.3610,
-43.0150

■ 87.4630, -40.9750,
-77.9270

■ 242.2920, 18.5280,
-27.4240

■ 71.6140, -33.5500,
-63.8060

■ 249.1860, 16.3710,
-15.8610

■ 56.3520, -26.4000,
-50.2080

■ 252.4920, 7.0620,
-6.8420

■ 41.6770, -19.5250,
-37.1330

■ 28.7630, -13.4750,

-25.6270

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 179.9750,
-10.3020, -77.6460

■ 179.9750,
-10.3020, -77.6460

■ 172.8680,
-11.8590, -87.9790

■ 187.0820, -8.7450,
-67.3130

■ 165.6470,
-13.0950, -98.6230

■ 194.3030, -7.5090,
-56.6690

■ 161.8870,
-14.0110, -104.0510

■ 201.4100, -5.9520,
-46.3360

■ 208.2180, -4.9910,
-36.2150

 215.4390, -3.7550,
-25.5710

 222.5460, -2.1980,
-15.2380

 229.6530, -0.6410,
-4.9050

 236.7600, 0.9160,
5.4280

 242.0860, 6.0500,
11.5060

Harmonies

Analogous

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



190.5120, 71.9490, -64.9710



179.9750, -10.3020, -77.6460



159.3990, -114.0120, -81.3720

Triad

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



179.9750, -10.3020, -77.6460



165.2540, -145.6550, -42.0310



164.2700, 62.5750, 49.8950

Complementary

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



179.9750, -10.3020, -77.6460



112.0250, 10.3020, 77.6460

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.



181.0380, 34.6500, 65.8980



179.9750, -10.3020, -77.6460



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.



179.9750, -10.3020, -77.6460



172.2980, -148.9550, -48.3070



203.3110, 19.7990, 43.1830



171.3580, 81.1970, 9.7490

Rectangle

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



179.9750, -10.3020, -77.6460



168.5870, -134.3720, -64.8040



203.3110, 19.7990, 43.1830



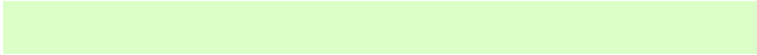
166.9890, 53.5410, 59.4370

Sweetspot

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



179.9750, -10.3020, -77.6460



237.8520, -3.4800, -25.0480



175.5960, 73.4540, -20.6420



117.5460, -2.1980, -15.2380



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.



179.9750, -10.3020, -77.6460



184.8270, -13.7820, -102.6940



163.7600, -55.2330, -83.8490



113.6530, -0.6410, -4.9050



125.6820, -11.0350, -80.8830



37.3790, -3.5260, -24.2140

Inverse Universe

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



112.0250, 10.3020, 77.6460



95.1730, 13.7820, 102.6940



128.2400, 55.2330, 83.8490



109.3470, 0.6410, 4.9050



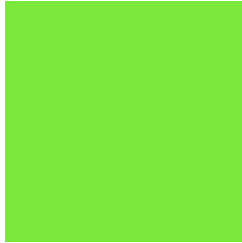
55.3180, 11.0350, 80.8830



16.3220, 2.9300, 24.0020

Previews

White Background



This preview shows how the YIQ color 179.9750, -10.3020, -77.6460 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 179.9750, -10.3020, -77.6460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

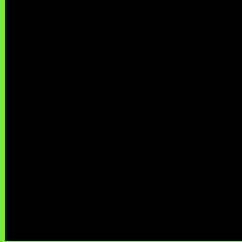
Any Text WCAG AA ✓ Pass

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 179.9750, -10.3020, -77.6460 Background



This preview shows how black text looks on a background with the YIQ color 179.9750, -10.3020, -77.6460.



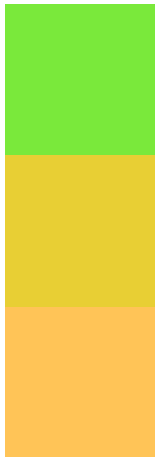
This preview shows how white text looks on a background with the YIQ color 179.9750, -10.3020, -77.6460.

-77.6460.

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

179.9750, -10.3020, -77.6460

Protanopia

196.8050, 64.6550, -42.9050

Deuteranopia

201.2150, 70.1530, -21.3910



Tritanopia

199.3180, -45.1140, -8.3940

Trichromacy



Original Color

179.9750, -10.3020, -77.6460

Protanomaly

190.4700, 37.3770, -55.1590

Deuteranomaly

193.3540, 41.1800, -41.4760

Tritanomaly

192.2550, -32.7760, -33.7680

Monochromacy



Original Color

179.9750, -10.3020, -77.6460

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8580, -3.6170, -28.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.9750, -10.3020, -77.6460 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(122, 233, 59)` looks like.

```
.text, #text, p{  
    color:rgb(122, 233, 59)  
}
```

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(122, 233, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 233, 59) }
```

Border

The CSS property to change the border of an element to YIQ 179.9750, -10.3020, -77.6460 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(122, 233, 59) }
```


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

```
.border{ border-color:rgb(122, 233, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 233, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 233, 59); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 233, 59); box-shadow:4px 4px 4px 4px rgb(122, 233, 59) }
```

Background

The CSS property to change the background color of an element to YIQ 179.9750, -10.3020, -77.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 233, 59) }
```

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

```
.background{ background-color: rgb(122,  
233, 59) }
```

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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