

Converting Colors

YIQ(179.7830, 15.8810,
-95.1190)

Have a look what the booklet for
YIQ(179.7830, 15.8810, -95.1190)
contains.

YIQ(179.7830, 15.8810, -95.1190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(179.7830, 15.8810,
-95.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	88ED00
RGB	136, 237, 0
RGB Percent	53%, 93%, 0%
CMY	0.4671, 0.0704, 0.9996
CMYK	0.43, 0.00, 1.00, 0.07
HSL	86°, 100%, 46%
HSV	86°, 100%, 93%
XYZ	40.4339, 65.8187, 10.5750
YIQ	179.7830, 15.8810, -95.1190

Conversions

Conversions Part 2

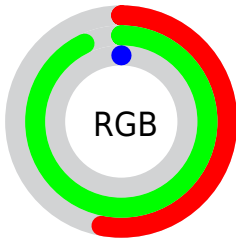
Format	Color
RYB	0, 237, 101
Decimal	8973568
CIELab	84.90, -58.89, 82.04
CIELCh	85, 100.985, 125.670
Yxy	65.8187, 0.3461, 0.5634
Android (android.graphics.Color)	4287163648 (0xFF88ED00)
YUV	179.7830, -88.6330, -38.3977
Hunter-Lab	81.1287, -53.0122, 49.0617

Details

The YIQ color **179.7830, 15.8810, -95.1190** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **57.2170, -15.8810, 95.1190**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8480, 18.3970, -63.6110**, and **127.4870, -5.9920, -78.6640** is the 20% darker color. If you saturate the color by 10%, you get **179.7830, 15.8810, -95.1190**, and if you desaturate by 10%, it is **185.5090, 14.1370, -85.5350**.

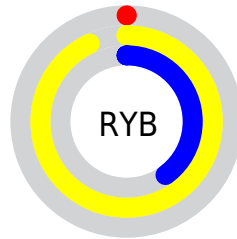
Distribution



Red (53%)

Green (93%)

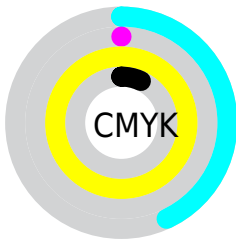
Blue (0%)



Red (0%)

Yellow (93%)

Blue (40%)

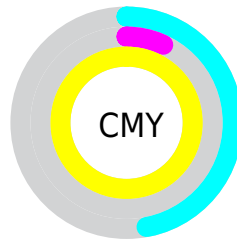


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (47%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.7830, 15.8810, -95.1190 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 179.7830, 15.8810, -95.1190 by changing the saturation by 10% instead.

■ 179.7830, 15.8810,
-95.1190

■ 179.7830, 15.8810,
-95.1190

■ 255.0000, -0.0000,
-0.0000

■ 153.4910, 5.3800,
-86.5240

■ 218.8480, 18.3970,
-63.6110

■ 127.1880, -6.5880,
-78.8760

■ 231.2380, 26.6470,
-47.9210

■ 99.3790, -23.0030,
-73.2350

■ 243.0300, 33.7050,
-32.6550

■ 73.9620, -34.6500,
-65.8980

■ 246.3360, 24.3960,
-23.6360

■ 58.7000, -27.5000,
-52.3000

■ 249.7560, 14.7660,
-14.3060

■ 44.0250, -20.6250,
-39.2250

■ 253.1760, 5.1360,

■ 30.5240, -14.3000,

-4.9760

-27.1960

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 179.7830, 15.8810,
-95.1190

■ 185.5090, 14.1370,
-85.5350

■ 191.2350, 12.3930,
-75.9510

■ 196.8470, 10.9700,
-66.6780

■ 202.5730, 9.2260,
-57.0940

■ 208.2990, 7.4820,
-47.5100

■ 214.2100, 6.6550,
-38.0250

■ 219.9360, 4.9110,
-28.4410

■ 225.6620, 3.1670,
-18.8570

■ 231.2740, 1.7440,
-9.5840

Harmonies

Analogous

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



196.7800, 82.9980, -61.4660



179.7830, 15.8810, -95.1190



160.7550, -109.5630, -90.4190

Triad

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



179.7830, 15.8810, -95.1190



171.7110, -148.6800, -47.7840



157.5170, 60.9220, 63.3380

Complementary

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



179.7830, 15.8810, -95.1190



57.2170, -15.8810, 95.1190

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.



179.8640, 35.2000, 66.9440



179.7830, 15.8810, -95.1190



157.0360, -141.8050, -34.7090

Square

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



179.7830, 15.8810, -95.1190



177.5810, -151.4300, -53.0140



202.6360, 8.3380, 36.1300



165.2260, 81.9290, 18.5130

Rectangle

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



179.7830, 15.8810, -95.1190



170.7410, -132.1700, -71.6740



202.6360, 8.3380, 36.1300



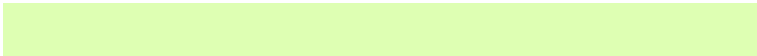
162.9260, 49.8250, 71.7210

Sweetspot

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



179.7830, 15.8810, -95.1190



236.4690, 4.7280, -30.6320



128.9760, 114.0270, -1.5330



116.7760, 2.8460, -18.5460



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.



179.7830, 15.8810, -95.1190



193.3390, 16.8910, -102.4130



145.0990, -53.2550, -119.7110



114.2510, 0.5510, -4.4810



137.3430, 12.2090, -72.6150



40.9670, 3.6260, -21.6700

Inverse Universe

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



57.2170, -15.8810, 95.1190



61.6610, -16.8910, 102.4130



91.9010, 53.2550, 119.7110



108.7490, -0.5510, 4.4810



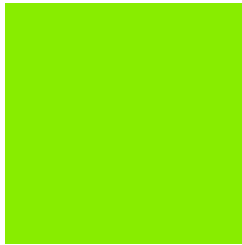
43.6570, -12.2090, 72.6150



13.0330, -3.6260, 21.6700

Previews

White Background



This preview shows how the YIQ color 179.7830, 15.8810, -95.1190 looks on a white background.

Color Contrast Check

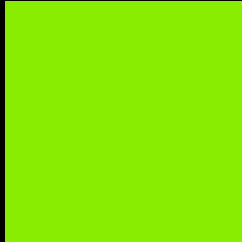
Large Text (above 18pt) WCAG AA × Fail

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 179.7830, 15.8810, -95.1190 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 179.7830, 15.8810, -95.1190

Background



This preview shows how black text looks on a background with the YIQ color 179.7830, 15.8810, -95.1190.



This preview shows how white text looks on a background with the YIQ color 179.7830, 15.8810,

-95.1190.

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

179.7830, 15.8810, -95.1190

Protanopia

195.0190, 83.8230, -59.8970

Deuteranopia

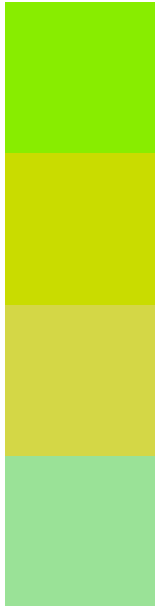
207.3590, 61.1200, -17.3760



Tritanopia

205.3080, -39.1540, -6.2740

Trichromacy



Original Color

179.7830, 15.8810, -95.1190

Protanomaly

189.2390, 59.2960, -72.4480

Deuteranomaly

197.5730, 44.7570, -45.7310

Tritanomaly

195.9220, -18.8370, -38.5890

Monochromacy



Original Color

179.7830, 15.8810, -95.1190

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1330, 5.5540, -34.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7830, 15.8810, -95.1190 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(136, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 237, 0)  
}
```

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(136, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 237, 0) }
```

Border

The CSS property to change the border of an element to YIQ 179.7830, 15.8810, -95.1190 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(136, 237, 0) }
```


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

```
.border{ border-color:rgb(136, 237, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 237, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 237,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7830, 15.8810, -95.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 237, 0) }
```

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

```
.background{ background-color: rgb(136,  
237, 0) }
```

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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