

Converting Colors

YIQ(179.9490, 18.9500,
-79.1460)

Have a look what the booklet for
YIQ(179.9490, 18.9500, -79.1460)
contains.

YIQ(179.9490, 18.9500, -79.1460)	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(179.9490, 18.9500,
-79.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	95E218
RGB	149, 226, 24
RGB Percent	58%, 89%, 9%
CMY	0.4160, 0.1136, 0.9056
CMYK	0.34, 0.00, 0.89, 0.11
HSL	83°, 81%, 49%
HSV	83°, 89%, 89%
XYZ	39.7506, 60.8584, 10.5191
YIQ	179.9490, 18.9500, -79.1460

Conversions

Conversions Part 2

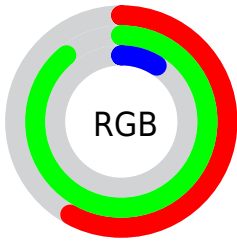
Format	Color
RYB	24, 226, 101
Decimal	9822744
CIELab	82.30, -49.80, 77.72
CIELCh	82, 92.305, 122.653
Yxy	60.8584, 0.3577, 0.5476
Android (android.graphics.Color)	4288012824 (0xFF95E218)
YUV	179.9490, -76.8829, -27.1423
Hunter-Lab	78.0118, -45.5667, 46.6135

Details

The YIQ color **179.9490, 18.9500, -79.1460** 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 **70.0510, -18.9500, 79.1460**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7070, 23.3480, -59.7240**, and **126.7000, 6.8900, -69.8300** is the 20% darker color. If you saturate the color by 10%, you get **174.6360, 20.9690, -88.2070**, and if you desaturate by 10%, it is **185.2620, 16.9310, -70.0850**.

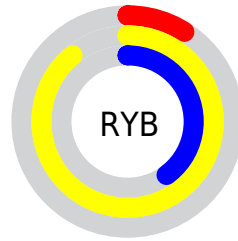
Distribution



Red (58%)

Green (89%)

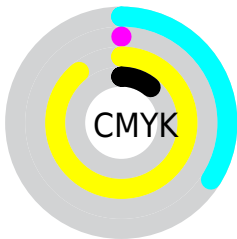
Blue (9%)



Red (9%)

Yellow (89%)

Blue (40%)

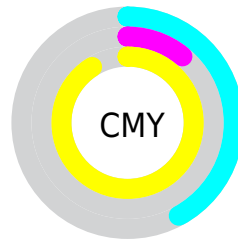


Cyan (34%)

Magenta (0%)

Yellow (89%)

Black (11%)



Cyan (42%)


Magenta (11%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.9490, 18.9500, -79.1460 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 179.9490, 18.9500, -79.1460 by changing the saturation by 10% instead.


 179.9490, 18.9500,
-79.1460


 179.9490, 18.9500,
-79.1460

255.0000, -0.0000,
-0.0000


 151.8070, 16.4740,
-78.3260


 222.7070, 23.3480,
-59.7240


 126.7000, 6.8900,
-69.8300


 235.2820, 32.5150,
-44.1330


 101.2830, -4.7570,
-62.4930


 243.3720, 32.7420,
-31.7220


 74.3600, -20.8510,
-57.1630

 246.7920, 23.1120,
-22.3920

 54.0040, -25.3000,
-48.1160

 250.0980, 13.8030,
-13.3730

 39.3290, -18.4250,
-35.0410

 253.5180, 4.1730,

 26.4150, -12.3750,

-4.0430

-23.5350

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 179.9490, 18.9500,
-79.1460

■ 179.9490, 18.9500,
-79.1460

■ 174.6360, 20.9690,
-88.2070

■ 185.2620, 16.9310,
-70.0850

■ 174.5220, 21.2900,
-88.5180

■ 190.1620, 14.6370,
-61.5470

■ 195.4750, 12.6180,
-52.4860

■ 200.3750, 10.3240,
-43.9480

■ 205.6880, 8.3050,
-34.8870

■ 211.0010, 6.2860,
-25.8260

■ 215.9010, 3.9920,
-17.2880

■ 221.2140, 1.9730,
-8.2270

■ 226.5270, -0.0460,
0.8340

Harmonies

Analogous

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



190.9100, 85.7480, -56.2360



179.9490, 18.9500, -79.1460



153.9730, -104.2450, -87.6770

Triad

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



179.9490, 18.9500, -79.1460



166.4280, -146.2050, -43.0770



163.7290, 57.2090, 59.0410

Complementary

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



179.9490, 18.9500, -79.1460



70.0510, -18.9500, 79.1460

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.



184.5600, 33.0000, 62.7600



179.9490, 18.9500, -79.1460



154.1010, -140.4300, -32.0940

Square

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



179.9490, 18.9500, -79.1460



171.7110, -148.6800, -47.7840



196.9440, -4.4530, 31.1550



165.7790, 78.9940, 22.1460

Rectangle

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



179.9490, 18.9500, -79.1460



163.1610, -124.6050, -71.1090



196.9440, -4.4530, 31.1550



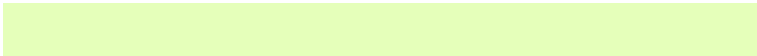
169.3830, 46.8000, 65.9680

Sweetspot

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



179.9490, 18.9500, -79.1460



239.3600, 6.6530, -26.9710



127.8360, 100.0420, 4.1220



118.5420, 3.6250, -16.1430



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.



179.9490, 18.9500, -79.1460



196.9270, 24.0430, -99.8690



150.6470, -39.4580, -99.9220



109.5500, 1.1470, -4.2690



135.9030, 16.5640, -68.9400



37.1460, 4.6800, -18.7440

Inverse Universe

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



70.0510, -18.9500, 79.1460



58.0730, -24.0430, 99.8690



99.3530, 39.4580, 99.9220



103.4500, -1.1470, 4.2690



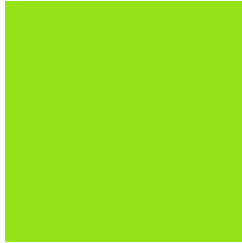
40.0970, -16.5640, 68.9400



10.8540, -4.6800, 18.7440

Previews

White Background



This preview shows how the YIQ color 179.9490, 18.9500, -79.1460 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 179.9490, 18.9500, -79.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

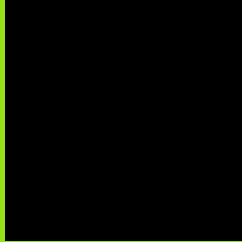
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.9490, 18.9500, -79.1460

Background



This preview shows how black text looks on a background with the YIQ color 179.9490, 18.9500, -79.1460.



This preview shows how white text looks on a background with the YIQ color 179.9490, 18.9500,

-79.1460.

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

179.9490, 18.9500, -79.1460

Protanopia

190.2280, 76.1650, -53.2670

Deuteranopia

197.0770, 79.0490, -28.4310



Tritanopia

200.5760, -28.1050, -2.7690

Trichromacy



Original Color

179.9490, 18.9500, -79.1460

Protanomaly

186.5950, 55.7180, -62.6660

Deuteranomaly

190.9780, 56.6780, -47.0180

Tritanomaly

193.2700, -10.7690, -30.6170

Monochromacy



Original Color

179.9490, 18.9500, -79.1460

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1920, 7.0660, -28.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.9490, 18.9500, -79.1460 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(149, 226, 24)` looks like.

```
.text, #text, p{  
    color:rgb(149, 226, 24)  
}
```

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(149, 226, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 226, 24) }
```

Border

The CSS property to change the border of an element to YIQ 179.9490, 18.9500, -79.1460 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(149, 226, 24) }
```


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

```
.border{ border-color:rgb(149, 226, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 226, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 226, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 226, 24);  
box-shadow:4px 4px 4px 4px rgb(149, 226,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 179.9490, 18.9500, -79.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 226, 24) }
```

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

```
.background{ background-color: rgb(149,  
226, 24) }
```

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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