

Converting Colors

YIQ(139.4490, -21.1650,
-95.5410)

Have a look what the booklet for
YIQ(139.4490, -21.1650, -95.5410)
contains.

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Color

**YIQ(139.4490, -21.1650,
-95.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	3CCF00
RGB	60, 207, 0
RGB Percent	24%, 81%, 0%
CMY	0.7652, 0.1880, 0.9998
CMYK	0.71, 0.00, 1.00, 0.19
HSL	103°, 100%, 41%
HSV	103°, 100%, 81%
XYZ	24.1839, 45.6122, 7.5300
YIQ	139.4490, -21.1650, -95.5410

Conversions

Conversions Part 2

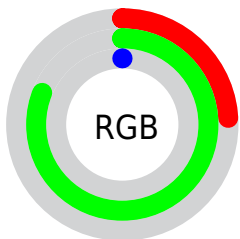
Format	Color
RYB	0, 207, 147
Decimal	3985152
CIELab	73.29, -68.05, 71.86
CIELCh	73, 98.968, 133.440
Yxy	45.6122, 0.3128, 0.5899
Android (android.graphics.Color)	4282175232 (0xFF3CCF00)
YUV	139.4490, -68.7484, -69.6768
Hunter-Lab	67.5368, -54.2714, 40.6653

Details

The YIQ color **139.4490, -21.1650, -95.5410** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **67.5510, 21.1650, 95.5410**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6040, -19.5630, -80.5150**, and **88.6370, -41.5250, -78.9730** is the 20% darker color. If you saturate the color by 10%, you get **139.4490, -21.1650, -95.5410**, and if you desaturate by 10%, it is **146.3280, -18.9660, -85.8300**.

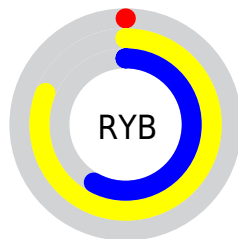
Distribution



Red (24%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (58%)

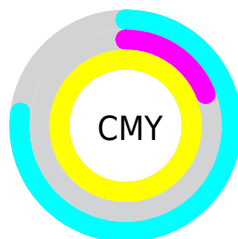


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (77%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.4490, -21.1650, -95.5410 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 139.4490, -21.1650, -95.5410 by changing the saturation by 10% instead.

■ 139.4490,
-21.1650, -95.5410

■ 139.4490,
-21.1650, -95.5410

■ 255.0000, -0.0000,
-0.0000

■ 105.0730,
-49.2250, -93.6170

■ 197.6040,
-19.5630, -80.5150

■ 88.6370, -41.5250,
-78.9730

■ 210.1790,
-10.3960, -64.9240

■ 72.7880, -34.1000,
-64.8520

■ 222.7540, -1.2290,
-49.3330

■ 57.5260, -26.9500,
-51.2540

■ 235.3290, 7.9380,
-33.7420

■ 42.2640, -19.8000,
-37.6560

■ 247.9040, 17.1050,
-18.1510

■ 28.7630, -13.4750,
-25.6270

■ 251.8080, 8.9880,

■ 11.7400, -5.5000,

-8.7080

-10.4600

■ 0.0000, 0.0000,
0.0000

■ 139.4490,
-21.1650, -95.5410

■ 146.3280,
-18.9660, -85.8300

■ 152.7940,
-17.0420, -76.6420

■ 159.6730,
-14.8430, -66.9310

■ 166.5520,
-12.6440, -57.2200

■ 173.1320,
-11.0410, -47.7210

■ 179.8970, -8.5210,
-38.3210

■ 186.7760, -6.3220,
-28.6100

■ 193.6550, -4.1230,
-18.8990

■ 200.1210, -2.1990,
-9.7110

Harmonies

Analogous

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



164.4640, 54.7090, -60.8990



139.4490, -21.1650, -95.5410



141.0420, -99.5250, -74.0930

Triad

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



139.4490, -21.1650, -95.5410



149.4050, -138.2300, -27.9100



129.0550, 88.7060, 66.4180

Complementary

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



139.4490, -21.1650, -95.5410



67.5510, 21.1650, 95.5410

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.



148.7070, 55.4160, 86.0400



139.4490, -21.1650, -95.5410



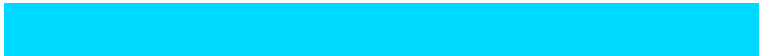
133.5560, -130.8050, -13.7890

Square

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



139.4490, -21.1650, -95.5410



156.4490, -141.5300, -34.1860



176.5090, 19.8420, 58.9300



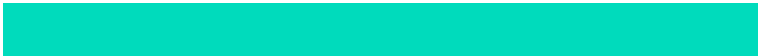
147.0850, 104.0750, 13.6350

Rectangle

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



139.4490, -21.1650, -95.5410



149.9850, -120.5730, -56.0690



176.5090, 19.8420, 58.9300



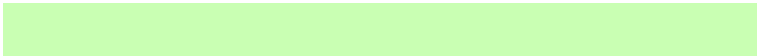
129.5400, 80.4510, 78.3630

Sweetspot

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



139.4490, -21.1650, -95.5410



230.1900, -7.7880, -35.0840



147.0080, 83.4970, -31.9510



112.8890, -4.9020, -21.3020



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.



139.4490, -21.1650, -95.5410



171.8110, -26.0210, -117.6770



126.1830, -70.0860, -95.5100



101.3540, -1.2370, -5.1170



113.2670, -16.9960, -77.4760



27.6550, -4.1230, -18.8990

Inverse Universe

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



67.5510, 21.1650, 95.5410



83.1890, 26.0210, 117.6770



80.8170, 70.0860, 95.5100



97.6460, 1.2370, 5.1170



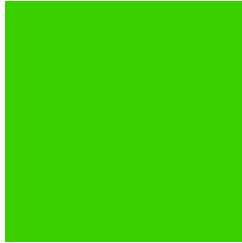
55.0320, 17.5920, 77.6880



13.3450, 4.1230, 18.8990

Previews

White Background



This preview shows how the YIQ color 139.4490, -21.1650, -95.5410 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 139.4490, -21.1650, -95.5410 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 139.4490, -21.1650, -95.5410 Background



This preview shows how black text looks on a background with the YIQ color 139.4490, -21.1650, -95.5410.



This preview shows how white text looks on a background with the YIQ color 139.4490, -21.1650, -95.5410.

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

139.4490, -21.1650, -95.5410

Protanopia

165.1720, 70.5710, -51.0050

Deuteranopia

171.1950, 72.9050, -27.2150



Tritanopia

167.2130, -58.1800, -13.8920

Trichromacy



Original Color

139.4490, -21.1650, -95.5410



Protanomaly

155.7930, 37.4250, -67.0470



Deuteranomaly

159.6490, 38.4310, -52.2330



Tritanomaly

156.7000, -44.6950, -43.5350

Monochromacy



Original Color

139.4490, -21.1650, -95.5410



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

139.1900, -7.7880, -35.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.4490, -21.1650, -95.5410 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(60, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 207, 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(60, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 207, 0) }
```

Border

The CSS property to change the border of an element to YIQ 139.4490, -21.1650, -95.5410 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(60, 207, 0) }
```


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

```
.border{ border-color:rgb(60, 207, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 207, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(60, 207, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 139.4490, -21.1650, -95.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 207, 0) }
```

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

```
.background{ background-color: rgb(60, 207,  
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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