

Converting Colors

YIQ(139.0710, -36.5750,
-69.5590)

Have a look what the booklet for
YIQ(139.0710, -36.5750, -69.5590)
contains.

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Color

**YIQ(139.0710, -36.5750,
-69.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC23D
RGB	61, 194, 61
RGB Percent	24%, 76%, 24%
CMY	0.7612, 0.2390, 0.7608
CMYK	0.69, 0.00, 0.69, 0.24
HSL	120°, 52%, 50%
HSV	120°, 69%, 76%
XYZ	22.0644, 39.9340, 10.9585
YIQ	139.0710, -36.5750, -69.5590

Conversions

Conversions Part 2

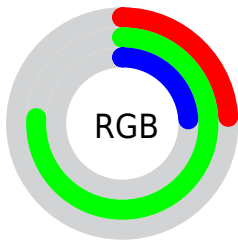
Format	Color
RYB	61, 194, 194
Decimal	4047421
CIELab	69.42, -60.91, 54.25
CIELCh	69, 81.563, 138.308
Yxy	39.9340, 0.3024, 0.5474
Android (android.graphics.Color)	4282237501 (0xFF3DC23D)
YUV	139.0710, -38.4890, -68.4683
Hunter-Lab	63.1933, -48.2639, 33.9537

Details

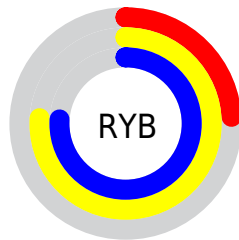
The YIQ color **139.0710, -36.5750, -69.5590** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **115.9290, 36.5750, 69.5590**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7080, -31.1190, -69.3190**, and **81.5930, -38.2250, -72.6970** is the 20% darker color. If you saturate the color by 10%, you get **130.9250, -42.3960, -79.7080**, and if you desaturate by 10%, it is **146.9180, -31.3500, -59.6220**.

Distribution



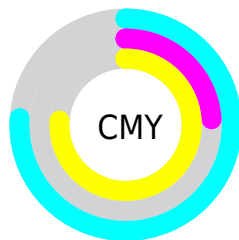
- Red (24%)
- Green (76%)
- Blue (24%)



- Red (24%)
- Yellow (76%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.0710, -36.5750, -69.5590 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 139.0710, -36.5750, -69.5590 by changing the saturation by 10% instead.

■ 139.0710,
-36.5750, -69.5590

■ 139.0710,
-36.5750, -69.5590

■ 255.0000, -0.0000,
-0.0000

■ 103.4820,
-51.1540, -75.1700

■ 198.4090,
-31.7150, -69.5310

■ 81.5930, -38.2250,
-72.6970

■ 212.5170,
-22.7310, -56.1310

■ 65.7440, -30.8000,
-58.5760

■ 224.6790,
-13.8390, -41.0630

■ 51.0690, -23.9250,
-45.5010

■ 236.8410, -4.9470,
-25.9950

■ 36.3940, -17.0500,
-32.4260

■ 249.1170, 3.6240,
-10.6160

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,

0.0000

■ 139.0710,
-36.5750, -69.5590

■ 139.0710,
-36.5750, -69.5590

■ 130.9250,
-42.3960, -79.7080

■ 146.9180,
-31.3500, -59.6220

■ 122.9640,
-47.3000, -89.9560

■ 155.1780,
-25.8500, -49.1620

■ 115.1170,
-52.5250, -99.8930

■ 163.0250,
-20.6250, -39.2250

■ 113.8780,
-53.3500, -101.4620

■ 171.2850,
-15.1250, -28.7650

■ 179.1320, -9.9000,
-18.8280

■ 186.9790, -4.6750,
-8.8910

■ 195.2390, 0.8250,
1.5690

■ 203.0860, 6.0500,
11.5060

■ 211.3460, 11.5500,
21.9660

Harmonies

Analogous

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



153.5000, 45.8600, -60.2200



139.0710, -36.5750, -69.5590



133.6050, -99.2520, -62.5160

Triad

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



139.0710, -36.5750, -69.5590



138.8390, -133.2800, -18.4960



144.8410, 85.5920, 45.7520

Complementary

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



139.0710, -36.5750, -69.5590



115.9290, 36.5750, 69.5590

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.



154.4510, 61.2880, 67.7200



139.0710, -36.5750, -69.5590



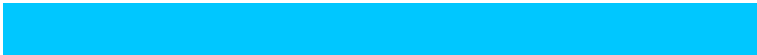
153.4660, -67.9970, 15.3550

Square

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



139.0710, -36.5750, -69.5590



145.8830, -136.5800, -24.7720



171.7910, 19.1080, 61.2200



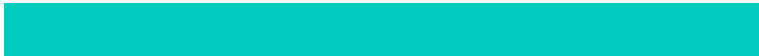
155.1720, 99.2160, 8.0800

Rectangle

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



139.0710, -36.5750, -69.5590



140.7070, -116.4940, -47.3900



171.7910, 19.1080, 61.2200



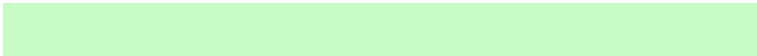
145.2290, 78.9880, 55.3080

Sweetspot

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



139.0710, -36.5750, -69.5590



230.1110, -14.5750, -27.7190



178.8380, 42.6930, -41.3630



114.7840, -8.8000, -16.7360



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.



139.0710, -36.5750, -69.5590



166.6230, -57.2460, -107.9500



146.5950, -57.7610, -49.0330



92.8700, -2.7500, -5.2300



94.5070, -44.2750, -84.2030



19.3710, -9.0750, -17.2590

Inverse Universe

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



115.9290, 36.5750, 69.5590



130.4910, 56.9250, 108.2610



108.2910, 58.0820, 48.7220



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 139.0710, -36.5750, -69.5590 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 139.0710, -36.5750, -69.5590 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 139.0710, -36.5750, -69.5590 Background



This preview shows how black text looks on a background with the YIQ color 139.0710, -36.5750, -69.5590.



This preview shows how white text looks on a background with the YIQ color 139.0710, -36.5750, -69.5590.

-69.5590.

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

139.0710, -36.5750, -69.5590

Protanopia

160.9840, 48.5140, -31.2140

Deuteranopia

164.4340, 56.5350, -16.8810



Tritanopia

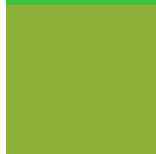
157.5940, -54.8790, -13.1430

Trichromacy



Original Color

139.0710, -36.5750, -69.5590



Protanomaly

152.8550, 17.6600, -44.7400



Deuteranomaly

155.1750, 22.9310, -35.6370



Tritanomaly

151.0560, -48.2730, -33.7530

Monochromacy



Original Color

139.0710, -36.5750, -69.5590



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

139.1760, -13.2000, -25.1040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.0710, -36.5750, -69.5590 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(61, 194, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 194, 61)  
}
```

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(61, 194, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 194, 61) }
```

Border

The CSS property to change the border of an element to YIQ 139.0710, -36.5750, -69.5590 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(61, 194, 61) }
```


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

```
.border{ border-color:rgb(61, 194, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 194, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 194, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 194, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 194,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 139.0710, -36.5750, -69.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 194, 61) }
```

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

```
.background{ background-color: rgb(61, 194,  
61) }
```

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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