

Converting Colors

YIQ(136.1600, -27.7210,
-97.8730)

Have a look what the booklet for
YIQ(136.1600, -27.7210, -97.8730)
contains.

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Color

**YIQ(136.1600, -27.7210,
-97.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	31CF00
RGB	49, 207, 0
RGB Percent	19%, 81%, 0%
CMY	0.8083, 0.1880, 0.9999
CMYK	0.76, 0.00, 1.00, 0.19
HSL	106°, 100%, 41%
HSV	106°, 100%, 81%
XYZ	23.5893, 45.3074, 7.5023
YIQ	136.1600, -27.7210, -97.8730

Conversions

Conversions Part 2

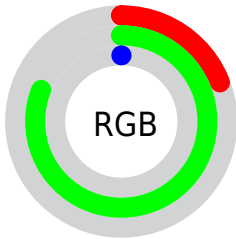
Format	Color
RYB	0, 207, 158
Decimal	3264256
CIELab	73.09, -69.81, 71.62
CIELCh	73, 100.012, 134.267
Yxy	45.3074, 0.3088, 0.5930
Android (android.graphics.Color)	4281454336 (0xFF31CF00)
YUV	136.1600, -67.1269, -76.4393
Hunter-Lab	67.3107, -55.2379, 40.5092

Details

The YIQ color **136.1600, -27.7210, -97.8730** 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 **70.8400, 27.7210, 97.8730**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5110, -23.7350, -81.9990**, and **88.6370, -41.5250, -78.9730** is the 20% darker color. If you saturate the color by 10%, you get **136.1600, -27.7210, -97.8730**, and if you desaturate by 10%, it is **143.3380, -24.9260, -87.9500**.

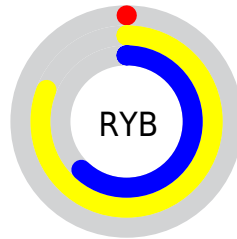
Distribution



Red (19%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (62%)

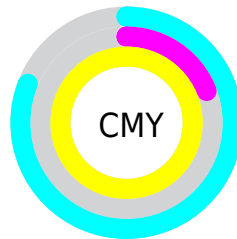


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (81%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.1600, -27.7210, -97.8730 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 136.1600, -27.7210, -97.8730 by changing the saturation by 10% instead.

■ 136.1600,
-27.7210, -97.8730

■ 136.1600,
-27.7210, -97.8730

■ 255.0000, -0.0000,
-0.0000

■ 105.0730,
-49.2250, -93.6170

■ 195.5110,
-23.7350, -81.9990

■ 88.6370, -41.5250,
-78.9730

■ 208.3850,
-13.9720, -66.1960

■ 72.7880, -34.1000,
-64.8520

■ 220.9600, -4.8050,
-50.6050

■ 57.5260, -26.9500,
-51.2540

■ 233.5350, 4.3620,
-35.0140

■ 42.2640, -19.8000,
-37.6560

■ 246.4090, 14.1250,
-19.2110

■ 28.1760, -13.2000,
-25.1040

■ 251.8080, 8.9880,

■ 11.1530, -5.2250,

-8.7080

-9.9370

■ 0.0000, 0.0000,
0.0000

■ 136.1600,
-27.7210, -97.8730

■ 143.3380,
-24.9260, -87.9500

■ 150.4020,
-21.8100, -78.3380

■ 157.2810,
-19.6110, -68.6270

■ 164.4590,
-16.8160, -58.7040

■ 171.6370,
-14.0210, -48.7810

■ 178.7010,
-10.9050, -39.1690

■ 185.8790, -8.1100,
-29.2460

■ 192.7580, -5.9110,
-19.5350

■ 199.8220, -2.7950,
-9.9230

Harmonies

Analogous

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



163.5670, 52.9210, -61.5350



136.1600, -27.7210, -97.8730



141.1560, -99.8460, -73.7820

Triad

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



136.1600, -27.7210, -97.8730



148.8180, -137.9550, -27.3870



126.2510, 91.0900, 67.2660

Complementary

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



136.1600, -27.7210, -97.8730



70.8400, 27.7210, 97.8730

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.



145.5440, 57.4330, 88.0330



136.1600, -27.7210, -97.8730



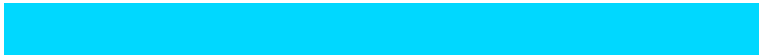
132.3820, -130.2550, -12.7430

Square

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



136.1600, -27.7210, -97.8730



155.8620, -141.2550, -33.6630



176.2320, 22.1800, 60.6120



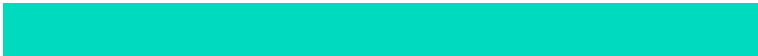
146.5150, 105.6800, 12.0800

Rectangle

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



136.1600, -27.7210, -97.8730



149.7400, -121.2610, -54.6130



176.2320, 22.1800, 60.6120



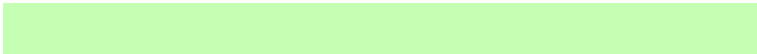
125.6760, 83.0640, 80.5680

Sweetspot

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



136.1600, -27.7210, -97.8730



228.9940, -10.1720, -35.9320



152.8780, 80.7470, -37.1810



111.9920, -6.6900, -21.9380



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.



136.1600, -27.7210, -97.8730



167.6250, -34.3650, -120.6450



127.4370, -73.6170, -92.0890



101.3540, -1.2370, -5.1170



110.5760, -22.3600, -79.3840



27.0570, -5.3150, -19.3230

Inverse Universe

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



70.8400, 27.7210, 97.8730



87.3750, 34.3650, 120.6450



79.5630, 73.6170, 92.0890



97.6460, 1.2370, 5.1170



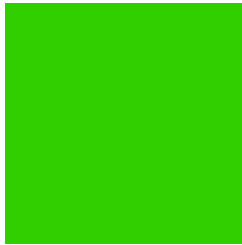
57.7230, 22.9560, 79.5960



13.9430, 5.3150, 19.3230

Previews

White Background



This preview shows how the YIQ color 136.1600, -27.7210, -97.8730 looks on a white background.

Color Contrast Check

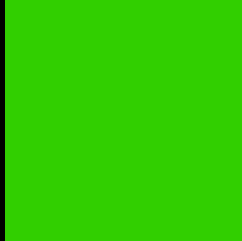
Large Text (above 18pt) WCAG AA × Fail

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 136.1600, -27.7210, -97.8730 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 136.1600, -27.7210, -97.8730 Background



This preview shows how black text looks on a background with the YIQ color 136.1600, -27.7210, -97.8730.

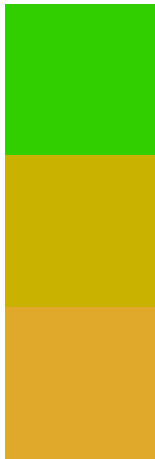


This preview shows how white text looks on a background with the YIQ color 136.1600, -27.7210, -97.8730.

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

136.1600, -27.7210, -97.8730

Protanopia

164.5850, 70.8460, -50.4820

Deuteranopia

171.1950, 72.9050, -27.2150



Tritanopia

165.4190, -61.7560, -15.1640

Trichromacy



Original Color

136.1600, -27.7210, -97.8730



Protanomaly

154.5970, 35.0410, -67.8950



Deuteranomaly

158.4530, 36.0470, -53.0810



Tritanomaly

154.3080, -49.4630, -45.2310

Monochromacy



Original Color

136.1600, -27.7210, -97.8730



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.1080, -10.4930, -35.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.1600, -27.7210, -97.8730 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(49, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(49, 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(49, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 207, 0) }
```

Border

The CSS property to change the border of an element to YIQ 136.1600, -27.7210, -97.8730 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(49, 207, 0) }
```


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

```
.border{ border-color:rgb(49, 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(49, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(49, 207, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 136.1600, -27.7210, -97.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 207, 0) }
```

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

```
.background{ background-color: rgb(49, 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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