

Converting Colors

YIQ(142.6310, -42.5290,
-104.8410)

Have a look what the booklet for
YIQ(142.6310, -42.5290, -104.8410)
contains.

YIQ(142.6310, -42.5290, -104.8410)	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(142.6310, -42.5290,
-104.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	25DE0B
RGB	37, 222, 11
RGB Percent	15%, 87%, 4%
CMY	0.8555, 0.1291, 0.9568
CMYK	0.83, 0.00, 0.95, 0.13
HSL	113°, 91%, 46%
HSV	113°, 95%, 87%
XYZ	26.9599, 52.6984, 9.0674
YIQ	142.6310, -42.5290, -104.8410

Conversions

Conversions Part 2

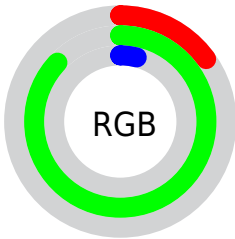
Format	Color
RYB	11, 222, 196
Decimal	2481675
CIELab	77.70, -75.34, 74.21
CIELCh	78, 105.751, 135.435
Yxy	52.6984, 0.3039, 0.5939
Android (android.graphics.Color)	4280671755 (0xFF25DE0B)
YUV	142.6310, -64.8941, -92.6384
Hunter-Lab	72.5936, -60.7473, 43.4098

Details

The YIQ color **142.6310, -42.5290, -104.8410** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **90.3690, 42.5290, 104.8410**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5970, -26.8530, -80.5570**, and **96.8550, -45.3750, -86.2950** is the 20% darker color. If you saturate the color by 10%, you get **138.3870, -44.9580, -110.3820**, and if you desaturate by 10%, it is **150.8200, -38.2670, -93.9710**.

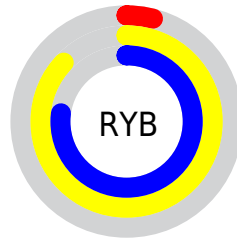
Distribution



Red (15%)

Green (87%)

Blue (4%)



Red (4%)

Yellow (87%)

Blue (77%)

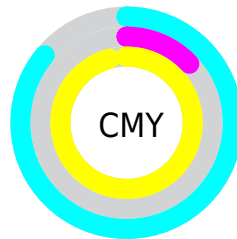


Cyan (83%)

Magenta (0%)

Yellow (95%)

Black (13%)



Cyan (86%)

Magenta (13%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.6310, -42.5290, -104.8410 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 142.6310, -42.5290, -104.8410 by changing the saturation by 10% instead.

■ 142.6310,
-42.5290, -104.8410

■ 142.6310,
-42.5290, -104.8410

■ 255.0000, -0.0000,
-0.0000

■ 113.2910,
-53.0750, -100.9390

■ 195.5970,
-26.8530, -80.5570

■ 96.8550, -45.3750,
-86.2950

■ 208.8840,
-16.8150, -64.2310

■ 81.0060, -37.9500,
-72.1740

■ 221.7580, -7.0520,
-48.4280

■ 65.1570, -30.5250,
-58.0530

■ 234.6320, 2.7110,
-32.6250

■ 49.3080, -23.1000,
-43.9320

■ 247.2070, 11.8780,
-17.0340

■ 35.2200, -16.5000,
-31.3800

■ 252.7200, 6.4200,

■ 19.9580, -9.3500,

-6.2200

-17.7820

■ 0.0000, 0.0000,
0.0000

■ 142.6310,
-42.5290, -104.8410

■ 142.6310,
-42.5290, -104.8410

■ 138.3870,
-44.9580, -110.3820

■ 150.8200,
-38.2670, -93.9710

■ 159.3080,
-33.4090, -82.8890

■ 167.6110,
-29.4680, -71.7080

■ 176.0990,
-24.6100, -60.6260

■ 184.2880,
-20.3480, -49.7560

■ 192.7760,
-15.4900, -38.6740

■ 200.9650,
-11.2280, -27.8040

■ 209.5670, -6.6910,
-16.4110

■ 217.7560, -2.4290,
-5.5410

Harmonies

Analogous

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



174.4760, 54.4350, -66.9490



142.6310, -42.5290, -104.8410



151.4430, -108.1440, -77.5840

Triad

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



142.6310, -42.5290, -104.8410



156.4490, -141.5300, -34.1860



129.2830, 88.0640, 67.0400

Complementary

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



142.6310, -42.5290, -104.8410



90.3690, 42.5290, 104.8410

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.



148.0860, 53.0310, 90.7190



142.6310, -42.5290, -104.8410



138.8390, -133.2800, -18.4960

Square

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



142.6310, -42.5290, -104.8410



164.6670, -145.3800, -41.5080



185.7340, 32.4500, 61.7140



152.2710, 103.2510, 6.5390

Rectangle

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



142.6310, -42.5290, -104.8410



161.0700, -131.1180, -57.6940



185.7340, 32.4500, 61.7140



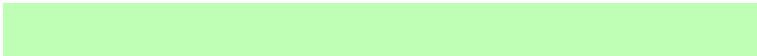
127.7620, 79.9460, 82.0100

Sweetspot

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



142.6310, -42.5290, -104.8410



227.1290, -14.9860, -36.7940



181.5100, 75.4310, -50.9770



110.9100, -9.3950, -22.4750



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.



142.6310, -42.5290, -104.8410



158.9540, -51.6490, -126.7930



143.6350, -82.7420, -86.4060



107.7560, -2.4290, -5.5410



109.8900, -35.2880, -87.3840



29.9700, -9.6240, -23.8320

Inverse Universe

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



90.3690, 42.5290, 104.8410



96.0460, 51.6490, 126.7930



89.3650, 82.7420, 86.4060



105.2440, 2.4290, 5.5410



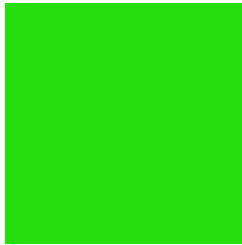
66.1100, 35.2880, 87.3840



18.3290, 10.2200, 24.0440

Previews

White Background



This preview shows how the YIQ color 142.6310, -42.5290, -104.8410 looks on a white background.

Color Contrast Check

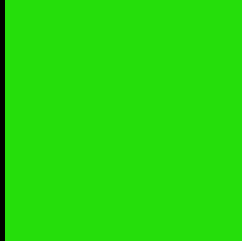
Large Text (above 18pt) WCAG AA × Fail

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 142.6310, -42.5290, -104.8410 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 142.6310, -42.5290, -104.8410 Background



This preview shows how black text looks on a background with the YIQ color 142.6310, -42.5290, -104.8410.



This preview shows how white text looks on a background with the YIQ color 142.6310, -42.5290, -104.8410.

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

142.6310, -42.5290, -104.8410

Protanopia

176.4020, 75.6150, -54.3130

Deuteranopia

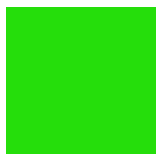
182.7070, 77.2150, -28.2330



Tritanopia

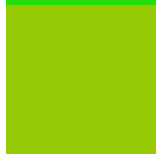
175.6460, -69.8250, -17.6090

Trichromacy



Original Color

142.6310, -42.5290, -104.8410



Protanomaly

163.8800, 32.5660, -72.6020



Deuteranomaly

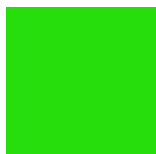
167.7900, 33.4800, -56.1200



Tritanomaly

163.8120, -59.8700, -49.3580

Monochromacy



Original Color

142.6310, -42.5290, -104.8410



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

142.8900, -15.8110, -38.3630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6310, -42.5290, -104.8410 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(37, 222, 11)` looks like.

```
.text, #text, p{  
    color:rgb(37, 222, 11)  
}
```

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(37, 222, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 222, 11) }
```

Border

The CSS property to change the border of an element to YIQ 142.6310, -42.5290, -104.8410 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(37, 222, 11) }
```


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

```
.border{ border-color:rgb(37, 222, 11) }
```

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

Here you see how a box with a 4 pixel rgb(37, 222, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 222, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 222, 11);  
box-shadow:4px 4px 4px 4px rgb(37, 222,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6310, -42.5290, -104.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 222, 11) }
```

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

```
.background{ background-color: rgb(37, 222,  
11) }
```

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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