

Converting Colors

YIQ(140.8990, -48.6750,
-92.5710)

Have a look what the booklet for
YIQ(140.8990, -48.6750, -92.5710)
contains.

YIQ(140.8990, -48.6750, -92.5710)	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(140.8990, -48.6750,
-92.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	25D625
RGB	37, 214, 37
RGB Percent	15%, 84%, 15%
CMY	0.8554, 0.1605, 0.8549
CMYK	0.83, 0.00, 0.83, 0.16
HSL	120°, 71%, 49%
HSV	120°, 83%, 84%
XYZ	25.1571, 48.6549, 9.8145
YIQ	140.8990, -48.6750, -92.5710

Conversions

Conversions Part 2

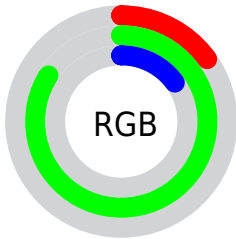
Format	Color
RYB	37, 214, 214
Decimal	2479653
CIELab	75.24, -72.23, 67.63
CIELCh	75, 98.949, 136.884
Yxy	48.6549, 0.3008, 0.5818
Android (android.graphics.Color)	4280669733 (0xFF25D625)
YUV	140.8990, -51.2222, -91.1194
Hunter-Lab	69.7530, -57.6901, 40.4848

Details

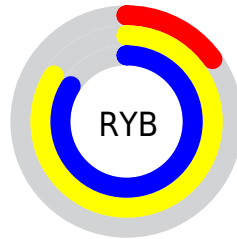
The YIQ color **140.8990, -48.6750, -92.5710** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **110.1010, 48.6750, 92.5710**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9540, -32.1720, -77.7720**, and **92.7460, -43.4500, -82.6340** is the 20% darker color. If you saturate the color by 10%, you get **131.9270, -55.0460, -103.7660**, and if you desaturate by 10%, it is **149.5720, -42.9000, -81.5880**.

Distribution



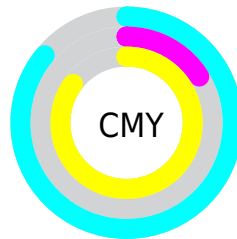
- Red (15%)
- Green (84%)
- Blue (15%)



- Red (15%)
- Yellow (84%)
- Blue (84%)



- Cyan (83%)
- Magenta (0%)
- Yellow (83%)
- Black (16%)



- Cyan (86%)
- Magenta (16%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.8990, -48.6750, -92.5710 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 140.8990, -48.6750, -92.5710 by changing the saturation by 10% instead.

■ 140.8990,
-48.6750, -92.5710

■ 140.8990,
-48.6750, -92.5710

■ 255.0000, -0.0000,
-0.0000

■ 109.1820,
-51.1500, -97.2780

■ 195.9540,
-32.1720, -77.7720

■ 92.7460, -43.4500,
-82.6340

■ 209.0130,
-21.4920, -62.0680

■ 76.3100, -35.7500,
-67.9900

■ 221.4740,
-12.0040, -46.7880

■ 61.0480, -28.6000,
-54.3920

■ 234.3480, -2.2410,
-30.9850

■ 45.7860, -21.4500,
-40.7940

■ 246.9230, 6.9260,
-15.3940

■ 31.6980, -14.8500,
-28.2420

■ 253.6320, 3.8520,

■ 15.8490, -7.4250,

-3.7320

-14.1210

■ 0.0000, 0.0000,
0.0000

■ 140.8990,
-48.6750, -92.5710

■ 140.8990,
-48.6750, -92.5710

■ 131.9270,
-55.0460, -103.7660

■ 149.5720,
-42.9000, -81.5880

■ 125.6180,
-58.8500, -111.9220

■ 158.6580,
-36.8500, -70.0820

■ 167.3310,
-31.0750, -59.0990

■ 176.1180,
-25.6210, -47.8050

■ 185.0900,
-19.2500, -36.6100

■ 193.7630,
-13.4750, -25.6270

■ 202.8490, -7.4250,
-14.1210

■ 211.5220, -1.6500,
-3.1380

■ 220.6080, 4.4000,
8.3680

Harmonies

Analogous

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



167.9640, 50.1250, -65.9310



140.8990, -48.6750, -92.5710



146.3880, -106.3110, -72.2550

Triad

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



140.8990, -48.6750, -92.5710



151.1660, -139.0550, -29.4790



135.4150, 87.3320, 58.2760

Complementary

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



140.8990, -48.6750, -92.5710



110.1010, 48.6750, 92.5710

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.



149.3110, 56.4710, 83.4390



140.8990, -48.6750, -92.5710



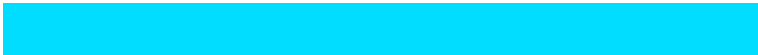
144.9070, -109.6240, -6.6800

Square

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



140.8990, -48.6750, -92.5710



158.7970, -142.6300, -36.2780



182.1900, 31.1660, 62.9580



153.4450, 102.7010, 5.4930

Rectangle

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



140.8990, -48.6750, -92.5710



155.4450, -127.6800, -53.9200



182.1900, 31.1660, 62.9580



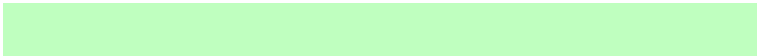
134.7260, 79.6270, 71.2670

Sweetspot

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



140.8990, -48.6750, -92.5710



228.5680, -17.6000, -33.4720



193.8220, 56.8170, -55.0470



111.8930, -10.7250, -20.3970



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.



140.8990, -48.6750, -92.5710



150.9240, -69.3000, -131.7960



150.9310, -76.9230, -65.2030



102.4570, -3.0250, -5.7530



100.3770, -47.0250, -89.4330



25.2410, -11.8250, -22.4890

Inverse Universe

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



110.1010, 48.6750, 92.5710



107.0760, 69.3000, 131.7960



99.9550, 77.2440, 64.8920



100.5430, 3.0250, 5.7530



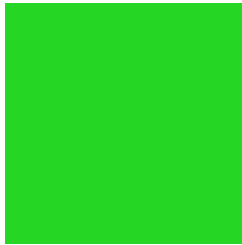
70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 140.8990, -48.6750, -92.5710 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 140.8990, -48.6750, -92.5710 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 140.8990, -48.6750, -92.5710 Background



This preview shows how black text looks on a background with the YIQ color 140.8990, -48.6750, -92.5710.



This preview shows how white text looks on a background with the YIQ color 140.8990, -48.6750, -92.5710.

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

140.8990, -48.6750, -92.5710

Protanopia

173.2070, 63.4630, -43.3290

Deuteranopia

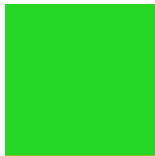
177.5200, 70.6120, -24.2040



Tritanopia

169.7280, -67.1200, -17.0720

Trichromacy



Original Color

140.8990, -48.6750, -92.5710



Protanomaly

161.4680, 22.5230, -61.2930



Deuteranomaly

164.4830, 27.3350, -49.3770



Tritanomaly

158.9740, -60.1460, -44.3540

Monochromacy



Original Color

140.8990, -48.6750, -92.5710



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

141.1550, -17.8750, -33.9950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.8990, -48.6750, -92.5710 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, 214, 37)` looks like.

```
.text, #text, p{  
    color:rgb(37, 214, 37)  
}
```

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, 214, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 214, 37) }
```

Border

The CSS property to change the border of an element to YIQ 140.8990, -48.6750, -92.5710 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, 214, 37) }
```


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

```
.border{ border-color:rgb(37, 214, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 214, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 214, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 214, 37);  
box-shadow:4px 4px 4px 4px rgb(37, 214,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 140.8990, -48.6750, -92.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 214, 37) }
```

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

```
.background{ background-color: rgb(37, 214,  
37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor