

Converting Colors

YIQ(148.6930, -53.1260,
-72.4700)

Have a look what the booklet for
YIQ(148.6930, -53.1260, -72.4700)
contains.

YIQ(148.6930, -53.1260, -72.4700)	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(148.6930, -53.1260,
-72.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	35D254
RGB	53, 210, 84
RGB Percent	21%, 82%, 33%
CMY	0.7926, 0.1762, 0.6707
CMYK	0.75, 0.00, 0.60, 0.18
HSL	132°, 64%, 52%
HSV	132°, 75%, 82%
XYZ	26.1241, 47.5190, 16.1768
YIQ	148.6930, -53.1260, -72.4700

Conversions

Conversions Part 2

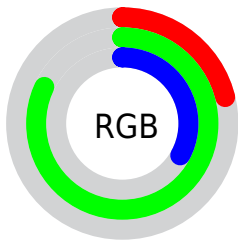
Format	Color
RYB	53, 184, 210
Decimal	3527252
CIELab	74.52, -65.08, 50.14
CIELCh	75, 82.160, 142.388
Yxy	47.5190, 0.2908, 0.5290
Android (android.graphics.Color)	4281717332 (0xFF35D254)
YUV	148.6930, -31.8936, -83.9228
Hunter-Lab	68.9340, -52.9881, 34.3402

Details

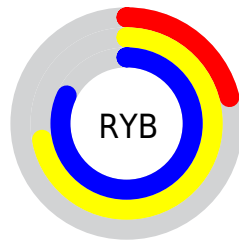
The YIQ color **148.6930, -53.1260, -72.4700** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **114.3070, 53.1260, 72.4700**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.0800, -40.7940, -64.6820**, and **93.7040, -51.6590, -71.5230** is the 20% darker color. If you saturate the color by 10%, you get **140.4760, -60.1850, -82.2090**, and if you desaturate by 10%, it is **156.9100, -46.0670, -62.7310**.

Distribution



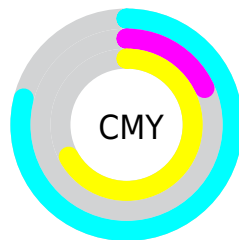
- Red (21%)
- Green (82%)
- Blue (33%)



- Red (21%)
- Yellow (72%)
- Blue (82%)



- Cyan (75%)
- Magenta (0%)
- Yellow (60%)
- Black (18%)



- Cyan (79%)
- Magenta (18%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6930, -53.1260, -72.4700 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 148.6930, -53.1260, -72.4700 by changing the saturation by 10% instead.

■ 148.6930,
-53.1260, -72.4700

■ 148.6930,
-53.1260, -72.4700

■ 255.0000, -0.0000,
-0.0000

■ 113.4460,
-68.6680, -77.1480

■ 202.0800,
-40.7940, -64.6820

■ 93.7040, -51.6590,
-71.5230

■ 214.5410,
-31.3060, -49.4020

■ 74.5490, -34.9250,
-66.4210

■ 226.7030,
-22.4140, -34.3340

■ 59.2870, -27.7750,
-52.8230

■ 239.1640,
-12.9260, -19.0540

■ 44.0250, -20.6250,
-39.2250

■ 251.7390, -3.7590,
-3.4630

■ 30.5240, -14.3000,
-27.1960

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 148.6930,
-53.1260, -72.4700

■ 148.6930,
-53.1260, -72.4700

■ 140.4760,
-60.1850, -82.2090

■ 156.9100,
-46.0670, -62.7310

■ 132.2590,
-67.2440, -91.9480

■ 165.1270,
-39.0080, -52.9920

■ 128.0580,
-71.2320, -96.7680

■ 173.3440,
-31.9490, -43.2530

■ 181.4470,
-24.5690, -33.8250

■ 189.6640,
-17.5100, -24.0860

■ 197.8810,
-10.4510, -14.3470

■ 206.0980, -3.3920,
-4.6080

■ 214.3150, 3.6670,
5.1310

■ 222.5320, 10.7260,
14.8700

Harmonies

Analogous

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



164.0880, 43.8440, -67.7400



148.6930, -53.1260, -72.4700



145.7330, -111.3560, -63.4200

Triad

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



148.6930, -53.1260, -72.4700



145.2960, -136.3050, -24.2490



155.7490, 79.6790, 37.2710

Complementary

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



148.6930, -53.1260, -72.4700



114.3070, 53.1260, 72.4700

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.



161.9510, 56.7040, 62.6880



148.6930, -53.1260, -72.4700



172.1930, -45.1190, 19.2410

Square

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



148.6930, -53.1260, -72.4700



154.1010, -140.4300, -32.0940



185.1470, 32.7250, 62.2370



166.0800, 93.3030, -0.4010

Rectangle

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



148.6930, -53.1260, -72.4700



152.3620, -128.6440, -47.4600



185.1470, 32.7250, 62.2370



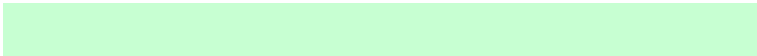
154.9630, 73.6250, 47.8730

Sweetspot

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



148.6930, -53.1260, -72.4700



233.1260, -18.9310, -25.8670



183.4310, 33.1130, -54.9750



114.7560, -11.5970, -15.6050



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.



148.6930, -53.1260, -72.4700



165.2540, -78.0160, -105.9840



157.3570, -77.5220, -48.8340



100.6850, -3.6670, -5.1310



102.3780, -56.7930, -77.6010



24.9790, -13.8430, -18.9550

Inverse Universe

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



114.3070, 53.1260, 72.4700



114.8600, 77.6950, 106.2950



105.6430, 77.5220, 48.8340



98.2010, 3.9880, 4.8200



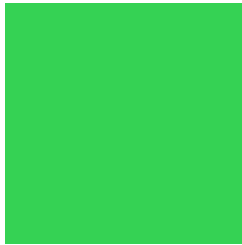
65.6220, 56.7930, 77.6010



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 148.6930, -53.1260, -72.4700 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 148.6930, -53.1260, -72.4700 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 148.6930, -53.1260, -72.4700 Background



This preview shows how black text looks on a background with the YIQ color 148.6930, -53.1260, -72.4700.



This preview shows how white text looks on a background with the YIQ color 148.6930, -53.1260, -72.4700.

-72.4700.

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

148.6930, -53.1260, -72.4700

Protanopia

175.8960, 45.9460, -28.7260

Deuteranopia

179.0580, 54.8380, -13.6580



Tritanopia

168.6250, -65.3320, -16.4360

Trichromacy



Original Color

148.6930, -53.1260, -72.4700



Protanomaly

165.9620, 10.0490, -44.4710



Deuteranomaly

167.6950, 15.5950, -34.8450



Tritanomaly

161.4180, -61.1560, -37.0600

Monochromacy



Original Color

148.6930, -53.1260, -72.4700



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.7130, -19.2060, -26.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6930, -53.1260, -72.4700 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(53, 210, 84)` looks like.

```
.text, #text, p{  
    color:rgb(53, 210, 84)  
}
```

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(53, 210, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 210, 84) }
```

Border

The CSS property to change the border of an element to YIQ 148.6930, -53.1260, -72.4700 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(53, 210, 84) }
```


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

```
.border{ border-color:rgb(53, 210, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 210, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 210, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 210, 84);  
box-shadow:4px 4px 4px 4px rgb(53, 210,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6930, -53.1260, -72.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 210, 84) }
```

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

```
.background{ background-color: rgb(53, 210,  
84) }
```

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