

Converting Colors

YIQ(153.4280, -24.6990,
-75.5390)

Have a look what the booklet for
YIQ(153.4280, -24.6990, -75.5390)
contains.

YIQ(153.4280, -24.6990, -75.5390)	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(153.4280, -24.6990,
-75.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	53D134
RGB	83, 209, 52
RGB Percent	33%, 82%, 20%
CMY	0.6749, 0.1802, 0.7960
CMYK	0.60, 0.00, 0.75, 0.18
HSL	108°, 63%, 51%
HSV	108°, 75%, 82%
XYZ	26.9917, 47.7091, 11.0357
YIQ	153.4280, -24.6990, -75.5390

Conversions

Conversions Part 2

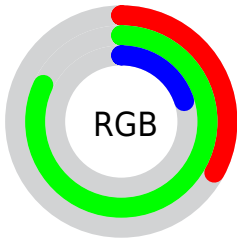
Format	Color
RYB	52, 209, 178
Decimal	5493044
CIELab	74.64, -62.04, 63.03
CIELCh	75, 88.443, 134.549
Yxy	47.7091, 0.3148, 0.5565
Android (android.graphics.Color)	4283683124 (0xFF53D134)
YUV	153.4280, -50.0040, -61.7654
Hunter-Lab	69.0718, -51.1219, 38.8774

Details

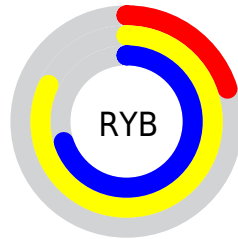
The YIQ color **153.4280, -24.6990, -75.5390** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **107.5720, 24.6990, 75.5390**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.4660, -18.6940, -68.7260**, and **89.8110, -42.0750, -80.0190** is the 20% darker color. If you saturate the color by 10%, you get **145.9510, -28.0900, -85.6740**, and if you desaturate by 10%, it is **160.9050, -21.3080, -65.4040**.

Distribution



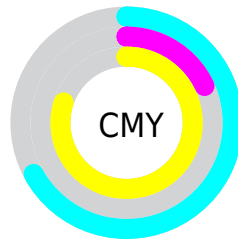
- Red (33%)
- Green (82%)
- Blue (20%)



- Red (20%)
- Yellow (82%)
- Blue (70%)



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



- Cyan (67%)
- Magenta (18%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.4280, -24.6990, -75.5390 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 153.4280, -24.6990, -75.5390 by changing the saturation by 10% instead.

■ 153.4280,
-24.6990, -75.5390

■ 153.4280,
-24.6990, -75.5390

■ 255.0000, -0.0000,
-0.0000

■ 121.5970,
-26.8530, -80.5570

■ 205.4660,
-18.6940, -68.7260

■ 89.8110, -42.0750,
-80.0190

■ 217.6280, -9.8020,
-53.6580

■ 73.9620, -34.6500,
-65.8980

■ 230.0890, -0.3140,
-38.3780

■ 58.7000, -27.5000,
-52.3000

■ 242.2510, 8.5780,
-23.3100

■ 44.0250, -20.6250,
-39.2250

■ 251.2380, 10.5930,
-10.2630

■ 30.5240, -14.3000,
-27.1960

■ 254.6580, 0.9630,

■ 14.6750, -6.8750,

-0.9330

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 153.4280,
-24.6990, -75.5390

■ 153.4280,
-24.6990, -75.5390

■ 145.9510,
-28.0900, -85.6740

■ 160.9050,
-21.3080, -65.4040

■ 138.4740,
-31.4810, -95.8090

■ 168.0830,
-18.5130, -55.4810

■ 134.9420,
-33.0390, -100.6150

■ 175.5600,
-15.1220, -45.3460

■ 183.0370,
-11.7310, -35.2110

■ 190.5140, -8.3400,
-25.0760

■ 197.8770, -4.6280,
-15.2520

■ 205.0550, -1.8330,
-5.3290

■ 212.5320, 1.5580,
4.8060

■ 220.0090, 4.9490,
14.9410

Harmonies

Analogous

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



167.4210, 56.2680, -61.6200



153.4280, -24.6990, -75.5390



143.5840, -103.9270, -71.4070

Triad

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



153.4280, -24.6990, -75.5390



149.4050, -138.2300, -27.9100



148.2950, 78.6220, 50.9260

Complementary

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



153.4280, -24.6990, -75.5390



107.5720, 24.6990, 75.5390

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.



162.2250, 50.4210, 71.9330



153.4280, -24.6990, -75.5390



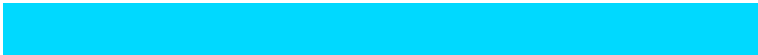
151.7730, -97.3830, -2.7510

Square

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



153.4280, -24.6990, -75.5390



156.4490, -141.5300, -34.1860



182.9880, 19.7510, 55.0710



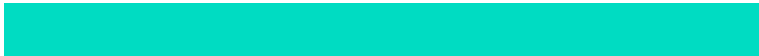
158.8880, 94.2640, 9.7200

Rectangle

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



153.4280, -24.6990, -75.5390



151.2560, -122.7740, -54.7260



182.9880, 19.7510, 55.0710



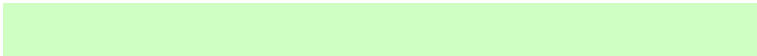
149.6120, 70.7800, 60.8920

Sweetspot

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



153.4280, -24.6990, -75.5390



234.2210, -9.0730, -28.3130



172.9050, 58.9220, -32.6140



115.2250, -5.7280, -17.3440



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.



153.4280, -24.6990, -75.5390



173.7640, -35.8340, -110.5380



149.5170, -58.2620, -67.4940



101.0550, -1.8330, -5.3290



108.4830, -26.5320, -80.8680



26.4590, -6.5070, -19.7470

Inverse Universe

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



107.5720, 24.6990, 75.5390



106.5350, 36.4300, 110.7500



111.4830, 58.2620, 67.4940



97.6460, 1.2370, 5.1170



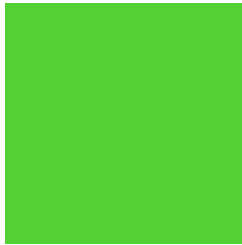
59.5170, 26.5320, 80.8680



14.5410, 6.5070, 19.7470

Previews

White Background



This preview shows how the YIQ color 153.4280, -24.6990, -75.5390 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 153.4280, -24.6990, -75.5390 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 153.4280, -24.6990, -75.5390 Background



This preview shows how black text looks on a background with the YIQ color 153.4280, -24.6990, -75.5390.



This preview shows how white text looks on a background with the YIQ color 153.4280, -24.6990, -75.5390.

-75.5390.

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

153.4280, -24.6990, -75.5390

Protanopia

173.8460, 57.4100, -38.2540

Deuteranopia

177.0620, 66.2100, -21.5180



Tritanopia

173.2030, -52.2200, -11.7720

Trichromacy



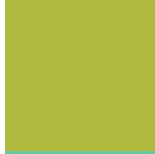
Original Color

153.4280, -24.6990, -75.5390



Protanomaly

166.3150, 27.7480, -51.3560



Deuteranomaly

168.5750, 33.2480, -40.8960



Tritanomaly

165.9380, -42.1290, -34.9690

Monochromacy



Original Color

153.4280, -24.6990, -75.5390



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

153.0470, -8.5230, -27.2670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.4280, -24.6990, -75.5390 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(83, 209, 52)` looks like.

```
.text, #text, p{  
    color:rgb(83, 209, 52)  
}
```

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(83, 209, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 209, 52) }
```

Border

The CSS property to change the border of an element to YIQ 153.4280, -24.6990, -75.5390 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(83, 209, 52) }
```


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

```
.border{ border-color:rgb(83, 209, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 209, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 209, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 209, 52);  
box-shadow:4px 4px 4px 4px rgb(83, 209,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 153.4280, -24.6990, -75.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 209, 52) }
```

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

```
.background{ background-color: rgb(83, 209,  
52) }
```

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