

Converting Colors

YIQ(174.6210, -53.7640,
-93.9560)

Have a look what the booklet for
YIQ(174.6210, -53.7640, -93.9560)
contains.

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Color

**YIQ(174.6210, -53.7640,
-93.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	41FA4A
RGB	65, 250, 74
RGB Percent	25%, 98%, 29%
CMY	0.7456, 0.0193, 0.7099
CMYK	0.74, 0.00, 0.70, 0.02
HSL	123°, 95%, 62%
HSV	123°, 74%, 98%
XYZ	37.6157, 70.0325, 18.0102
YIQ	174.6210, -53.7640, -93.9560

Conversions

Conversions Part 2

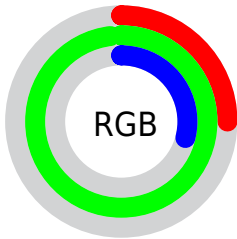
Format	Color
RYB	65, 241, 250
Decimal	4323914
CIELab	87.01, -76.92, 67.82
CIELCh	87, 102.553, 138.598
Yxy	70.0325, 0.2993, 0.5573
Android (android.graphics.Color)	4282513994 (0xFF41FA4A)
YUV	174.6210, -49.6062, -96.1376
Hunter-Lab	83.6854, -66.2156, 45.8198

Details

The YIQ color **174.6210, -53.7640, -93.9560** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **140.3790, 53.7640, 93.9560**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.1800, -29.3320, -63.1560**, and **112.7040, -52.8000, -100.4160** is the 20% darker color. If you saturate the color by 10%, you get **164.4100, -60.9600, -106.7200**, and if you desaturate by 10%, it is **184.8320, -46.5680, -81.1920**.

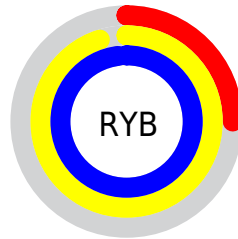
Distribution



Red (25%)

Green (98%)

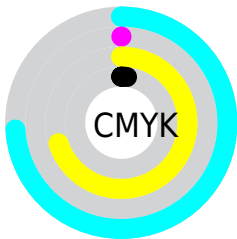
Blue (29%)



Red (25%)

Yellow (95%)

Blue (98%)

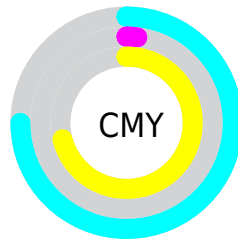


Cyan (74%)

Magenta (0%)

Yellow (70%)

Black (2%)



Cyan (75%)

Magenta (2%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.6210, -53.7640, -93.9560 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 174.6210, -53.7640, -93.9560 by changing the saturation by 10% instead.

■ 174.6210,
-53.7640, -93.9560

■ 174.6210,
-53.7640, -93.9560

■ 255.0000, -0.0000,
-0.0000

■ 134.5150,
-74.2570, -102.5210

■ 206.1800,
-29.3320, -63.1560

■ 112.7040,
-52.8000, -100.4160

■ 219.3530,
-18.9730, -47.1410

■ 96.2680, -45.1000,
-85.7720

■ 232.2270, -9.2100,
-31.3380

■ 79.8320, -37.4000,
-71.1280

■ 244.8020, -0.0430,
-15.7470

■ 63.9830, -29.9750,
-57.0070

■ 254.0880, 2.5680,
-2.4880

■ 48.7210, -22.8250,
-43.4090

■ 34.6330, -16.2250,

-30.8570

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 174.6210,
-53.7640, -93.9560

■ 174.6210,
-53.7640, -93.9560

■ 164.4100,
-60.9600, -106.7200

■ 184.8320,
-46.5680, -81.1920

■ 154.1990,
-68.1560, -119.4840

■ 195.0430,
-39.3720, -68.4280

■ 148.1180,
-72.6020, -127.0180

■ 205.1400,
-31.8550, -55.9750

■ 215.3510,
-24.6590, -43.2110

■ 225.5620,
-17.4630, -30.4470

■ 235.7730,
-10.2670, -17.6830

■ 245.8700, -2.7500,
-5.2300

■ 252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



197.1800, 57.7840, -78.0880



174.6210, -53.7640, -93.9560



169.7490, -126.6210, -78.6290

Triad

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



174.6210, -53.7640, -93.9560



169.9500, -147.8550, -46.2150



160.4570, 69.1780, 45.8660

Complementary

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



174.6210, -53.7640, -93.9560



140.3790, 53.7640, 93.9560

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.



172.2330, 38.7750, 73.7430



174.6210, -53.7640, -93.9560



186.7470, -68.1310, -4.2510

Square

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



174.6210, -53.7640, -93.9560



178.7550, -151.9800, -54.0600



199.8220, 25.8500, 49.1620



175.7970, 86.6100, -5.7580

Rectangle

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



174.6210, -53.7640, -93.9560



177.5010, -148.4490, -57.4810



199.8220, 25.8500, 49.1620



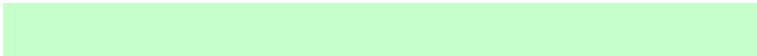
159.9960, 60.8310, 59.4790

Sweetspot

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



174.6210, -53.7640, -93.9560



232.2140, -16.3630, -28.3550



227.1160, 55.8090, -58.8070



114.1860, -9.9920, -17.1600



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.



174.6210, -53.7640, -93.9560



162.5030, -65.9560, -115.3000



184.8810, -82.6540, -65.9660



119.7450, -3.8960, -6.4880



111.9690, -54.8640, -96.0480



36.1490, -17.7380, -30.9700

Inverse Universe

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



140.3790, 53.7640, 93.9560



120.4970, 65.9560, 115.3000



130.1190, 82.6540, 65.9660



117.2550, 3.8960, 6.4880



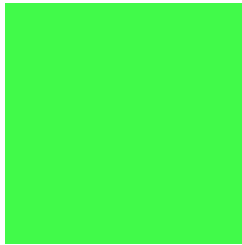
76.9170, 55.1850, 95.7370



24.8510, 17.7380, 30.9700

Previews

White Background



This preview shows how the YIQ color 174.6210, -53.7640, -93.9560 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 174.6210, -53.7640, -93.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

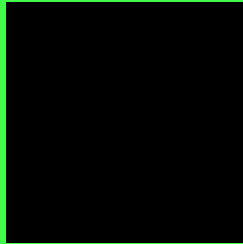
Any Text WCAG AA ✓ Pass

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 174.6210, -53.7640, -93.9560 Background



This preview shows how black text looks on a background with the YIQ color 174.6210, -53.7640, -93.9560.



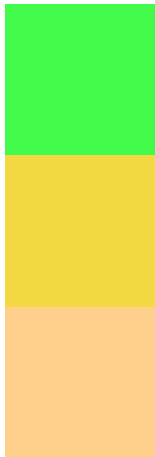
This preview shows how white text looks on a background with the YIQ color 174.6210, -53.7640, -93.9560.

-93.9560.

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

174.6210, -53.7640, -93.9560

Protanopia

206.5600, 63.9670, -41.4490

Deuteranopia

214.1870, 50.1610, -11.4950



Tritanopia

201.3680, -74.9140, -18.9940

Trichromacy



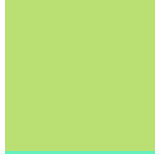
Original Color

174.6210, -53.7640, -93.9560



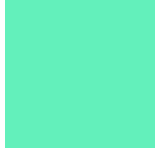
Protanomaly

194.8100, 21.5600, -60.3600



Deuteranomaly

199.6250, 12.6160, -41.4320



Tritanomaly

191.7990, -67.0230, -46.3750

Monochromacy



Original Color

174.6210, -53.7640, -93.9560



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.6710, -19.3880, -34.1080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.6210, -53.7640, -93.9560 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(65, 250, 74)` looks like.

```
.text, #text, p{  
    color:rgb(65, 250, 74)  
}
```

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(65, 250, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 250, 74) }
```

Border

The CSS property to change the border of an element to YIQ 174.6210, -53.7640, -93.9560 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(65, 250, 74) }
```


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

```
.border{ border-color:rgb(65, 250, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 250, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 250, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 250, 74);  
box-shadow:4px 4px 4px 4px rgb(65, 250,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 174.6210, -53.7640, -93.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 250, 74) }
```

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

```
.background{ background-color: rgb(65, 250,  
74) }
```

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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