

Converting Colors

YIQ(149.5540, -13.8440,
-13.4280)

Have a look what the booklet for
YIQ(149.5540, -13.8440, -13.4280)
contains.

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Color

**YIQ(149.5540, -13.8440,
-13.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	80A28E
RGB	128, 162, 142
RGB Percent	50%, 64%, 56%
CMY	0.4981, 0.3646, 0.4432
CMYK	0.21, 0.00, 0.12, 0.36
HSL	145°, 15%, 57%
HSV	145°, 21%, 64%
XYZ	26.7031, 32.3857, 30.4309
YIQ	149.5540, -13.8440, -13.4280

Conversions

Conversions Part 2

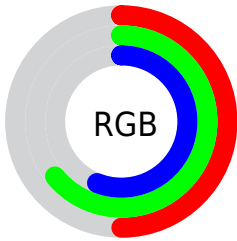
Format	Color
RYB	128, 152, 162
Decimal	8430222
CIELab	63.66, -15.89, 6.58
CIELCh	64, 17.199, 157.494
Yxy	32.3857, 0.2983, 0.3618
Android (android.graphics.Color)	4286620302 (0xFF80A28E)
YUV	149.5540, -3.7241, -18.9029
Hunter-Lab	56.9085, -15.8325, 8.1315

Details

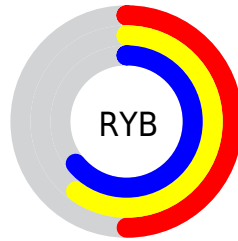
The YIQ color **149.5540, -13.8440, -13.4280** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **140.4460, 13.8440, 13.4280**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.8420, -14.7150, -14.1630**, and **98.3800, -13.2940, -12.3820** is the 20% darker color. If you saturate the color by 10%, you get **143.6300, -20.1700, -19.9300**, and if you desaturate by 10%, it is **155.4780, -7.5180, -6.9260**.

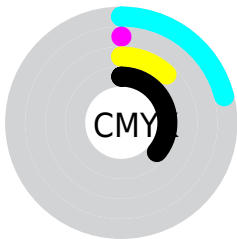
Distribution



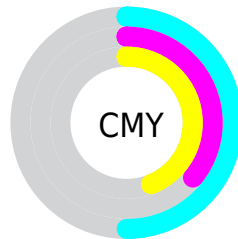
- Red (50%)
- Green (64%)
- Blue (56%)



- Red (50%)
- Yellow (60%)
- Blue (64%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (50%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5540, -13.8440, -13.4280 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 149.5540, -13.8440, -13.4280 by changing the saturation by 10% instead.

■ 149.5540,
-13.8440, -13.4280

■ 149.5540,
-13.8440, -13.4280

■ 255.0000, -0.0000,
-0.0000

■ 123.8530,
-13.2480, -13.2160

■ 203.8420,
-14.7150, -14.1630

■ 98.3800, -13.2940,
-12.3820

■ 231.8420,
-14.7150, -14.1630

■ 74.6790, -12.6980,
-12.1700

■ 249.2760, -9.7650,
-4.7490

■ 51.2060, -12.7440,
-11.3360

■ 29.0210, -13.6610,
-11.2370

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,

0.0000

■ 149.5540,
-13.8440, -13.4280

■ 149.5540,
-13.8440, -13.4280

■ 143.6300,
-20.1700, -19.9300

■ 155.4780, -7.5180,
-6.9260

■ 137.8200,
-26.8170, -26.1210

■ 161.2880, -0.8710,
-0.7350

■ 131.5970,
-33.7390, -32.8350

■ 167.5110, 6.0510,
5.9790

■ 125.7870,
-40.3860, -39.0260

■ 173.3210, 12.6980,
12.1700

■ 119.8630,
-46.7120, -45.5280

■ 179.2450, 19.0240,
18.6720

■ 114.0530,
-53.3590, -51.7190

■ 185.0550, 25.6710,
24.8630

■ 108.1290,
-59.6850, -58.2210

■ 190.9790, 31.9970,
31.3650

■ 102.7320,
-66.0570, -63.8890

■ 196.1910, 37.4520,
37.1320

■ 197.3310, 34.2420,
40.2420

Harmonies

Analogous

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



151.5080, 0.9650, -11.9870



149.5540, -13.8440, -13.4280



148.3770, -26.4070, -11.5190

Triad

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



149.5540, -13.8440, -13.4280



153.8320, -16.7820, 6.7860



155.9340, 26.7290, 5.6810

Complementary

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



149.5540, -13.8440, -13.4280



140.4460, 13.8440, 13.4280

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.



156.7690, 23.0600, 11.6040



149.5540, -13.8440, -13.4280



156.1930, -1.5610, 11.7750

Square

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



149.5540, -13.8440, -13.4280



150.8580, -28.8390, -0.4790



156.9620, 12.3310, 13.3150



154.4510, 23.4750, -1.4290

Rectangle

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



149.5540, -13.8440, -13.4280



148.6200, -31.4050, -9.0450



156.9620, 12.3310, 13.3150



156.2160, 25.9950, 7.9710

Sweetspot

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



149.5540, -13.8440, -13.4280



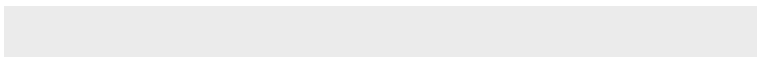
207.2010, -5.1800, -5.2440



153.9380, 2.5700, -13.5420



104.4510, -2.8880, -2.7280



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.5540, -13.8440, -13.4280



192.6190, -21.6370, -20.8770



151.4920, -19.3010, -8.1410



78.7390, -3.7590, -3.4630



91.9550, -59.1350, -57.1750



11.3640, -7.1970, -7.2370

Inverse Universe

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



140.4460, 13.8440, 13.4280



178.3810, 21.6370, 20.8770



138.5080, 19.3010, 8.1410



76.2610, 3.7590, 3.4630



53.1590, 58.8140, 57.4860



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 149.5540, -13.8440, -13.4280 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 149.5540, -13.8440, -13.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

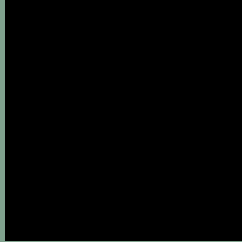
Any Text WCAG AA ✓ Pass

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 149.5540, -13.8440, -13.4280 Background



This preview shows how black text looks on a background with the YIQ color 149.5540, -13.8440, -13.4280.



This preview shows how white text looks on a background with the YIQ color 149.5540, -13.8440, -13.4280.

-13.4280.

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

149.5540, -13.8440, -13.4280

Protanopia

153.2690, 9.3080, -3.4920

Deuteranopia

154.8340, 15.2670, 4.1550



Tritanopia

152.0070, -19.0730, -1.2570

Trichromacy



Original Color

149.5540, -13.8440, -13.4280

Protanomaly

151.6700, 0.6890, -6.9830

Deuteranomaly

152.8710, 4.6770, -2.1630

Tritanomaly

150.7420, -17.0090, -5.6250

Monochromacy



Original Color

149.5540, -13.8440, -13.4280

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.6140, -4.9050, -4.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5540, -13.8440, -13.4280 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(128, 162, 142)` looks like.

```
.text, #text, p{  
    color:rgb(128, 162, 142)  
}
```

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(128, 162, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 162, 142) }
```

Border

The CSS property to change the border of an element to YIQ 149.5540, -13.8440, -13.4280 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(128, 162, 142) }
```


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

```
.border{ border-color:rgb(128, 162, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 162, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 162, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 162, 142);  
box-shadow:4px 4px 4px 4px rgb(128, 162,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5540, -13.8440, -13.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 162, 142) }
```

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

```
.background{ background-color: rgb(128,  
162, 142) }
```

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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