

Converting Colors

YIQ(149.9590, 16.4130, 5.4130)

Have a look what the booklet for
YIQ(149.9590, 16.4130, 5.4130)
contains.

YIQ(149.9590, 16.4130, 5.4130)	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(149.9590, 16.4130,
5.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	A98E8D
RGB	169, 142, 141
RGB Percent	66%, 56%, 55%
CMY	0.3372, 0.4432, 0.4470
CMYK	0.00, 0.16, 0.17, 0.34
HSL	2°, 14%, 61%
HSV	2°, 17%, 66%
XYZ	30.8459, 29.7030, 29.3134
YIQ	149.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

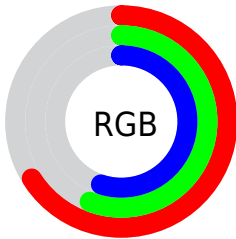
Format	Color
R_{YB}	169, 142, 141
Decimal	11112077
CIE _{Lab}	61.40, 9.99, 4.30
CIE _{LCh}	61, 10.881, 23.289
Yxy	29.7030, 0.3433, 0.3305
Android (android.graphics.Color)	4289302157 (0xFFA98E8D)
YUV	149.9590, -4.4168, 16.6990
Hunter-Lab	54.5005, 5.6508, 6.2609

Details

The YIQ color **149.9590, 16.4130, 5.4130** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **160.0410, -16.4130, -5.4130**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5570, 17.6050, 5.8370**, and **99.3610, 15.2210, 4.9890** is the 20% darker color. If you saturate the color by 10%, you get **138.6290, 26.2700, 8.4940**, and if you desaturate by 10%, it is **161.2890, 6.5560, 2.3320**.

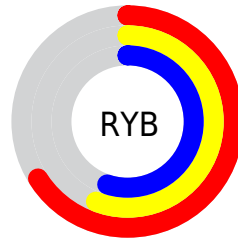
Distribution



Red (66%)

Green (56%)

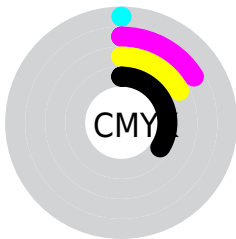
Blue (55%)



Red (66%)

Yellow (56%)

Blue (55%)

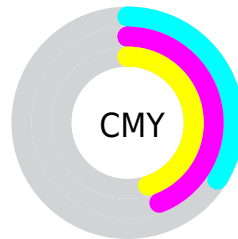


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (34%)



Cyan (34%)


Magenta (44%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.9590, 16.4130, 5.4130 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 149.9590, 16.4130, 5.4130 by changing the saturation by 10% instead.


 149.9590, 16.4130,
5.4130


 149.9590, 16.4130,
5.4130


255.0000, -0.0000,
-0.0000


 123.7740, 15.4960,
5.5120


 204.5570, 17.6050,
5.8370


 99.3610, 15.2210,
4.9890


 232.4430, 17.9260,
5.5260

 75.1760, 14.3040,
5.0880

 252.7830, 2.1090,
0.3250

 52.4640, 13.4330,
4.3530

 30.9800, 11.9200,
4.2400

 7.7740, 15.4960,
5.5120

 0.0000, 0.0000,

0.0000

■ 149.9590, 16.4130,
5.4130

■ 149.9590, 16.4130,
5.4130

■ 138.6290, 26.2700,
8.4940

■ 161.2890, 6.5560,
2.3320

■ 126.7120, 36.4020,
12.0980

■ 173.2060, -3.5760,
-1.2720

■ 115.3820, 46.2590,
15.1790

■ 184.5360,
-13.4330, -4.3530

■ 104.0520, 56.1160,
18.2600

■ 195.8660,
-23.2900, -7.4340

■ 92.2490, 65.9270,
22.1750

■ 207.7830,
-33.4220, -11.0380

■ 80.9190, 75.7840,
25.2560

■ 218.9990,
-42.9580, -14.4300

■ 69.5890, 85.6410,
28.3370

■ 229.2860,
-51.2560, -18.2320

■ 57.6720, 95.7730,
31.9410

■ 54.0530, 99.0740,
32.6900

Harmonies

Analogous

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



150.5010, 12.0110, 8.0990



149.9590, 16.4130, 5.4130



149.3240, 16.6430, 1.2430

Triad

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



149.9590, 16.4130, 5.4130



145.8050, -4.1250, -7.8450



147.4530, -14.3970, 2.1070

Complementary

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



149.9590, 16.4130, 5.4130



160.0410, -16.4130, -5.4130

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.



145.7790, -18.4310, -1.8790



149.9590, 16.4130, 5.4130



145.3140, -12.9280, -8.0000

Square

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



149.9590, 16.4130, 5.4130



147.2360, 4.9070, -6.3330



145.1440, -18.2010, -6.0490



148.5790, -5.8240, 6.4320

Rectangle

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



149.9590, 16.4130, 5.4130



148.6610, 14.0760, -1.7960



145.1440, -18.2010, -6.0490



147.0290, -16.1390, 0.6370

Sweetspot

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



149.9590, 16.4130, 5.4130



211.8760, 6.2810, 1.8090



152.4500, 8.0210, 14.3330



105.0930, 4.1720, 1.4840



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.9590, 16.4130, 5.4130



189.3300, 25.6740, 8.2820



158.1770, 12.5630, -1.9090



78.3920, 4.7680, 1.6960



47.1870, 86.8330, 28.7610



6.5670, 11.6450, 3.7170

Inverse Universe

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



160.0410, -16.4130, -5.4130



205.2570, -25.9490, -8.8050



151.8230, -12.5630, 1.9090



81.6080, -4.7680, -1.6960



100.8130, -86.8330, -28.7610



14.0200, -11.9200, -4.2400

Previews

White Background



This preview shows how the YIQ color 149.9590, 16.4130, 5.4130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9590, 16.4130, 5.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

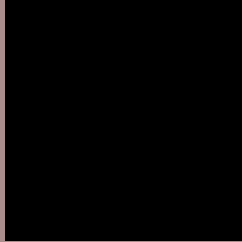
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.9590, 16.4130, 5.4130

Background



This preview shows how black text looks on a background with the YIQ color 149.9590, 16.4130, 5.4130.



This preview shows how white text looks on a background with the YIQ color 149.9590, 16.4130,

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

149.9590, 16.4130, 5.4130

Protanopia

148.7400, 3.6680, -0.3960

Deuteranopia

149.6490, 14.3500, 4.2540



Tritanopia

150.2240, 14.3490, 9.7810

Trichromacy



Original Color

149.9590, 16.4130, 5.4130

Protanomaly

149.2460, 8.1150, 1.6110

Deuteranomaly

149.9480, 14.9460, 4.4660

Tritanomaly

150.3550, 15.3580, 8.0140

Monochromacy



Original Color

149.9590, 16.4130, 5.4130

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9590, 16.4130, 5.4130 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(169, 142, 141)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 141)  
}
```

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(169, 142, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 141) }
```

Border

The CSS property to change the border of an element to YIQ 149.9590, 16.4130, 5.4130 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(169, 142, 141) }
```


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

```
.border{ border-color:rgb(169, 142, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 142, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 141);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9590, 16.4130, 5.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 142, 141) }
```

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

```
.background{ background-color: rgb(169,  
142, 141) }
```

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