

Converting Colors

YIQ(149.0610, 16.3660, 11.7740)

Have a look what the booklet for
YIQ(149.0610, 16.3660, 11.7740)
contains.

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Color

**YIQ(149.0610, 16.3660,
11.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8997
RGB	172, 137, 151
RGB Percent	67%, 54%, 59%
CMY	0.3254, 0.4628, 0.4078
CMYK	0.00, 0.20, 0.12, 0.33
HSL	336°, 17%, 61%
HSV	336°, 20%, 67%
XYZ	31.5490, 28.8953, 33.1986
YIQ	149.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

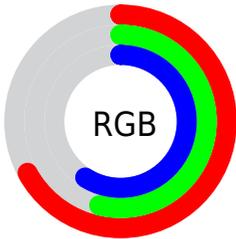
Format	Color
R_{YB}	172, 137, 151
Decimal	11307415
CIE _{Lab}	60.69, 15.64, -2.39
CIE _{LCh}	61, 15.819, 351.313
Yxy	28.8953, 0.3369, 0.3086
Android (android.graphics.Color)	4289497495 (0xFFAC8997)
YUV	149.0610, 0.9559, 20.1175
Hunter-Lab	53.7543, 10.6936, 1.0106

Details

The YIQ color **149.0610, 16.3660, 11.7740** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159.9390, -16.3660, -11.7740**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.6590, 17.5580, 12.1980**, and **98.0500, 14.8990, 10.8270** is the 20% darker color. If you saturate the color by 10%, you get **137.9420, 24.2510, 17.5550**, and if you desaturate by 10%, it is **160.1800, 8.4810, 5.9930**.

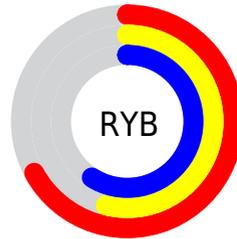
Distribution



Red (67%)

Green (54%)

Blue (59%)



Red (67%)

Yellow (54%)

Blue (59%)

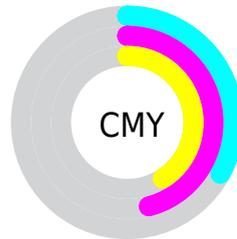


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0610, 16.3660, 11.7740 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 149.0610, 16.3660, 11.7740 by changing the saturation by 10% instead.

■ 149.0610, 16.3660,
11.7740

■ 149.0610, 16.3660,
11.7740

255.0000, -0.0000,
-0.0000

■ 122.7620, 15.7700,
11.5620

■ 203.6590, 17.5580,
12.1980

■ 98.0500, 14.8990,
10.8270

■ 230.7730, 17.2370,
12.5090

■ 73.7510, 14.3030,
10.6150

■ 250.3040, 2.2000,
4.1840

■ 51.1530, 13.1110,
10.1910

■ 29.4410, 12.2400,
9.4560

■ 9.6970, 14.3950,
8.9470

■ 0.0000, 0.0000,

0.0000

■ 149.0610, 16.3660,
11.7740

■ 149.0610, 16.3660,
11.7740

■ 137.9420, 24.2510,
17.5550

■ 160.1800, 8.4810,
5.9930

■ 126.7090, 32.4570,
23.0250

■ 171.4130, 0.2750,
0.5230

■ 115.0030, 40.6170,
29.3290

■ 183.1190, -7.8850,
-5.7810

■ 103.8840, 48.5020,
35.1100

■ 194.2380,
-15.7700, -11.5620

■ 92.6510, 56.7080,
40.5800

■ 205.4710,
-23.9760, -17.0320

■ 81.5320, 64.5930,
46.3610

■ 216.5900,
-31.8610, -22.8130

70.4130, 72.4780,
52.1420

226.5350,
-39.1960, -27.5480

59.2940, 80.3630,
57.9230

227.7890,
-42.7270, -24.1270

228.9290,
-45.9370, -21.0170

Harmonies

Analogous

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



149.0150, 4.8120, 11.9160



149.0610, 16.3660, 11.7740



148.6610, 23.2440, 8.2680

Triad

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



149.0610, 16.3660, 11.7740



145.0960, 8.1170, -9.4430



141.8640, -28.9760, -3.5040

Complementary

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



149.0610, 16.3660, 11.7740



159.9390, -16.3660, -11.7740

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.



140.7730, -27.4620, -8.9180



149.0610, 16.3660, 11.7740



143.0990, -5.1330, -11.6050

Square

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



149.0610, 16.3660, 11.7740



146.2330, 18.1570, -4.1710



141.5690, -18.2000, -11.5760



144.9730, -21.7330, 2.8990

Rectangle

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



149.0610, 16.3660, 11.7740



148.3250, 24.0700, 4.3100



141.5690, -18.2000, -11.5760



141.3970, -29.1590, -5.6950

Sweetspot

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



149.0610, 16.3660, 11.7740



215.4570, 6.1430, 4.3110



146.9700, 0.6850, 15.1250



106.7340, 3.8050, 2.6290



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.0610, 16.3660, 11.7740



189.2410, 24.8470, 17.7670



149.2260, 20.0350, 5.8510



81.1470, 4.0800, 3.1520



51.6900, 70.1400, 50.4600



7.9030, 10.8190, 7.6750

Inverse Universe

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



149.0610, 16.3660, 11.7740



189.2410, 24.8470, 17.7670



159.7740, -20.0350, -5.8510



81.1470, 4.0800, 3.1520



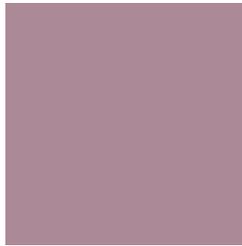
51.6900, 70.1400, 50.4600



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 149.0610, 16.3660, 11.7740 looks on a white background.

Color Contrast Check

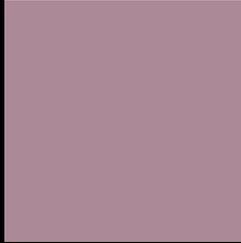
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0610, 16.3660, 11.7740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

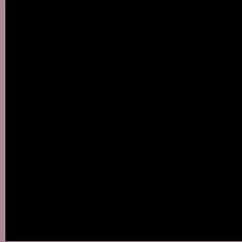
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.0610, 16.3660, 11.7740

Background



This preview shows how black text looks on a background with the YIQ color 149.0610, 16.3660, 11.7740.



This preview shows how white text looks on a background with the YIQ color 149.0610, 16.3660,

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

149.0610, 16.3660, 11.7740

Protanopia

147.1400, -3.2100, 3.1100

Deuteranopia

147.9950, 7.5640, 6.0920



Tritanopia

148.7190, 17.3290, 10.8410

Trichromacy



Original Color

149.0610, 16.3660, 11.7740

Protanomaly

147.8420, 3.6210, 5.9650

Deuteranomaly

148.3160, 11.0940, 8.1980

Tritanomaly

148.8330, 17.0080, 11.1520

Monochromacy



Original Color

149.0610, 16.3660, 11.7740

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1580, 5.5470, 4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0610, 16.3660, 11.7740 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(172, 137, 151)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 151)  
}
```

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(172, 137, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 151) }
```

Border

The CSS property to change the border of an element to YIQ 149.0610, 16.3660, 11.7740 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(172, 137, 151) }
```

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

```
.border{ border-color:rgb(172, 137, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 137, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 137, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 137, 151); box-shadow:4px 4px 4px 4px rgb(172, 137, 151) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0610, 16.3660, 11.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 151) }
```

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

```
.background{ background-color: rgb(172,  
137, 151) }
```

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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