

Converting Colors

YIQ(149.2080, 11.2780, 4.8620)

Have a look what the booklet for
YIQ(149.2080, 11.2780, 4.8620)
contains.

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Color

**YIQ(149.2080, 11.2780,
4.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	A38F91
RGB	163, 143, 145
RGB Percent	64%, 56%, 57%
CMY	0.3607, 0.4392, 0.4313
CMYK	0.00, 0.12, 0.11, 0.36
HSL	354°, 10%, 60%
HSV	354°, 12%, 64%
XYZ	30.0397, 29.4749, 30.8985
YIQ	149.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

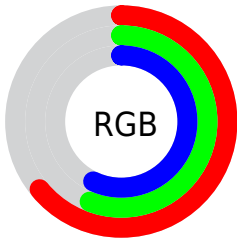
Format	Color
R_{YB}	163, 143, 145
Decimal	10719121
CIE Lab	61.20, 7.83, 1.67
CIE LCh	61, 8.007, 12.057
Yxy	29.4749, 0.3322, 0.3260
Android (android.graphics.Color)	4288909201 (0xFFA38F91)
YUV	149.2080, -2.0745, 12.0956
Hunter-Lab	54.2908, 3.7571, 4.2599

Details

The YIQ color **149.2080, 11.2780, 4.8620** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156.7920, -11.2780, -4.8620**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5070, 11.8740, 5.0740**, and **98.6100, 10.0860, 4.4380** is the 20% darker color. If you saturate the color by 10%, you get **138.1060, 20.4930, 8.5650**, and if you desaturate by 10%, it is **160.3100, 2.0630, 1.1590**.

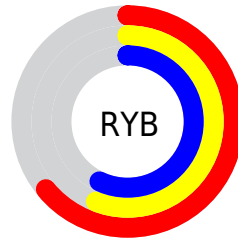
Distribution



Red (64%)

Green (56%)

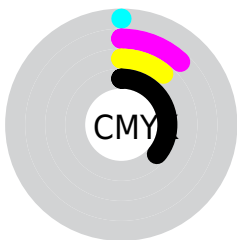
Blue (57%)



Red (64%)

Yellow (56%)

Blue (57%)

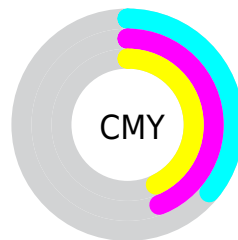


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (36%)



Cyan (36%)


Magenta (44%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.2080, 11.2780, 4.8620 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 149.2080, 11.2780, 4.8620 by changing the saturation by 10% instead.


 149.2080, 11.2780,
4.8620


 149.2080, 11.2780,
4.8620


255.0000, -0.0000,
-0.0000


 123.2080, 11.2780,
4.8620


 203.5070, 11.8740,
5.0740


 98.6100, 10.0860,
4.4380


 231.8060, 12.4700,
5.2860

 74.6100, 10.0860,
4.4380

 253.8260, 0.5500,
1.0460

 52.0120, 8.8940,
4.0140

 30.7130, 8.2980,
3.8020

 6.6920, 12.7910,
4.9750

 0.0000, 0.0000,

0.0000

■ 149.2080, 11.2780,
4.8620

■ 149.2080, 11.2780,
4.8620

■ 138.1060, 20.4930,
8.5650

■ 160.3100, 2.0630,
1.1590

■ 126.5310, 29.6620,
13.1020

■ 171.8850, -7.1060,
-3.3780

■ 115.4290, 38.8770,
16.8050

■ 182.9870,
-16.3210, -7.0810

■ 104.3270, 48.0920,
20.5080

■ 194.0890,
-25.5360, -10.7840

■ 92.7520, 57.2610,
25.0450

■ 205.6640,
-34.7050, -15.3210

■ 81.6500, 66.4760,
28.7480

■ 216.7660,
-43.9200, -19.0240

■ 70.5480, 75.6910,
32.4510

■ 226.6940,
-52.5850, -21.6810

■ 59.5600, 84.5850,
36.4650

■ 227.4920,
-54.8320, -19.5040

■ 50.5610, 92.0120,
39.5320

Harmonies

Analogous

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



149.1090, 7.2430, 6.4030



149.2080, 11.2780, 4.8620



148.8120, 12.3330, 2.2610

Triad

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



149.2080, 11.2780, 4.8620



146.1260, -0.5950, -5.7390



147.0680, -11.8750, 0.4530

Complementary

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



149.2080, 11.2780, 4.8620



156.7920, -11.2780, -4.8620

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.



145.7040, -13.8460, -2.3740



149.2080, 11.2780, 4.8620



145.8910, -7.2430, -6.4030

Square

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



149.2080, 11.2780, 4.8620



147.3010, 6.2820, -3.7180



145.4930, -11.8740, -5.0740



147.6990, -6.2820, 3.7180

Rectangle

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



149.2080, 11.2780, 4.8620



148.3450, 12.1500, 0.0700



145.4930, -11.8740, -5.0740



146.3560, -12.7460, -0.2820

Sweetspot

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



149.2080, 11.2780, 4.8620



205.8050, 5.0430, 2.2190



150.6620, 4.3080, 10.0360



103.4950, 2.9800, 1.0600



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.



149.2080, 11.2780, 4.8620



189.9100, 18.1090, 7.7170



153.6760, 9.7200, 0.0560



75.8050, 5.0430, 2.2190



45.0650, 81.6050, 35.4050



5.6100, 10.0860, 4.4380

Inverse Universe

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



149.2080, 11.2780, 4.8620



189.9100, 18.1090, 7.7170



152.3240, -9.7200, -0.0560



75.8050, 5.0430, 2.2190



45.0650, 81.6050, 35.4050



5.6100, 10.0860, 4.4380

Previews

White Background



This preview shows how the YIQ color 149.2080, 11.2780, 4.8620 looks on a white background.

Color Contrast Check

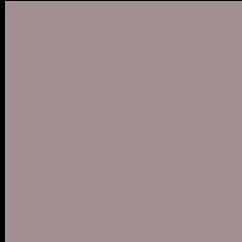
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2080, 11.2780, 4.8620 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 149.2080, 11.2780, 4.8620

Background



This preview shows how black text looks on a background with the YIQ color 149.2080, 11.2780, 4.8620.



This preview shows how white text looks on a background with the YIQ color 149.2080, 11.2780,

4.8620.

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

149.2080, 11.2780, 4.8620

Protanopia

147.8970, 1.7880, 0.6360

Deuteranopia

149.2080, 11.2780, 4.8620



Tritanopia

149.8320, 9.5810, 8.0850

Trichromacy



Original Color

149.2080, 11.2780, 4.8620

Protanomaly

148.6910, 5.3640, 1.9080

Deuteranomaly

149.2080, 11.2780, 4.8620

Tritanomaly

149.4900, 10.5440, 7.1520

Monochromacy



Original Color

149.2080, 11.2780, 4.8620

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2070, 3.8510, 1.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2080, 11.2780, 4.8620 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(163, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 145)  
}
```

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(163, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 145) }
```

Border

The CSS property to change the border of an element to YIQ 149.2080, 11.2780, 4.8620 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(163, 143, 145) }
```


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

```
.border{ border-color:rgb(163, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2080, 11.2780, 4.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 145) }
```

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

```
.background{ background-color: rgb(163,  
143, 145) }
```

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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