

Converting Colors

YIQ(150.7940, 12.7440, 11.3360)

Have a look what the booklet for
YIQ(150.7940, 12.7440, 11.3360)
contains.

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Color

**YIQ(150.7940, 12.7440,
11.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8C9C
RGB	170, 140, 156
RGB Percent	67%, 55%, 61%
CMY	0.3332, 0.4510, 0.3882
CMYK	0.00, 0.18, 0.08, 0.33
HSL	328°, 15%, 61%
HSV	328°, 18%, 67%
XYZ	31.9599, 29.7015, 35.5053
YIQ	150.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

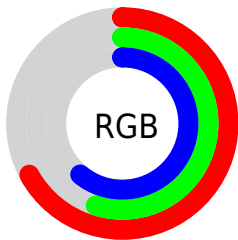
Format	Color
R _Y B	170, 140, 156
Decimal	11177116
CIE Lab	61.40, 14.09, -4.22
CIE LCh	61, 14.706, 343.328
Yxy	29.7015, 0.3289, 0.3057
Android (android.graphics.Color)	4289367196 (0xFFAA8C9C)
YUV	150.7940, 2.5666, 16.8437
Hunter-Lab	54.4991, 9.3043, -0.4772

Details

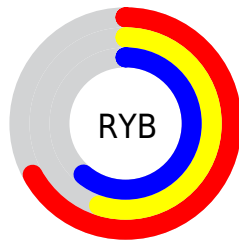
The YIQ color **150.7940, 12.7440, 11.3360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159.2060, -12.7440, -11.3360**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0930, 13.3400, 11.5480**, and **100.0820, 11.8730, 10.6010** is the 20% darker color. If you saturate the color by 10%, you get **139.9030, 19.9870, 17.7390**, and if you desaturate by 10%, it is **161.6850, 5.5010, 4.9330**.

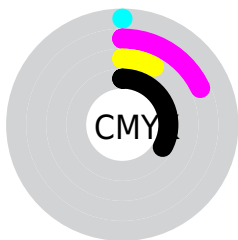
Distribution



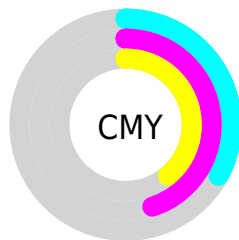
- Red (67%)
- Green (55%)
- Blue (61%)



- Red (67%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.7940, 12.7440, 11.3360 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 150.7940, 12.7440, 11.3360 by changing the saturation by 10% instead.

 150.7940, 12.7440,
11.3360


 150.7940, 12.7440,
11.3360


255.0000, -0.0000,
-0.0000


 124.4950, 12.1480,
11.1240


 205.3920, 13.9360,
11.7600


 100.0820, 11.8730,
10.6010


 233.5060, 13.6150,
12.0710

 75.7830, 11.2770,
10.3890

 252.0650, 1.3750,
2.6150

 53.0710, 10.4060,
9.6540

 31.3590, 9.5350,
8.9190

 9.7830, 11.2770,
10.3890

 0.0000, 0.0000,

0.0000

150.7940, 12.7440,
11.3360

150.7940, 12.7440,
11.3360

139.9030, 19.9870,
17.7390

161.6850, 5.5010,
4.9330

129.0120, 27.2300,
24.1420

172.5760, -1.7420,
-1.4700

118.1210, 34.4730,
30.5450

183.4670, -8.9850,
-7.8730

107.2300, 41.7160,
36.9480

194.3580,
-16.2280, -14.2760

96.3390, 48.9590,
43.3510

205.2490,
-23.4710, -20.6790

85.4480, 56.2020,
49.7540

216.1400,
-30.7140, -27.0820

■ 74.5570, 63.4450,
56.1570

■ 224.6830,
-36.8570, -31.3930

■ 63.7800, 70.3670,
62.8710

■ 225.4810,
-39.1040, -29.2160

■ 61.2040, 72.1090,
64.3410

■ 226.3930,
-41.6720, -26.7280

Harmonies

Analogous

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



150.2210, 1.2360, 10.6440



150.7940, 12.7440, 11.3360



150.5190, 20.7680, 9.0880

Triad

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



150.7940, 12.7440, 11.3360



146.9330, 10.1340, -7.4500



144.2940, -27.3710, -5.0590

Complementary

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



150.7940, 12.7440, 11.3360



159.2060, -12.7440, -11.3360

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.



143.5130, -23.7940, -9.3140



150.7940, 12.7440, 11.3360



145.7790, -1.2360, -10.6440

Square

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



150.7940, 12.7440, 11.3360



148.5860, 18.6610, -2.2910



144.0210, -13.6610, -11.2370



146.3210, -22.8330, 0.8070

Rectangle

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



150.7940, 12.7440, 11.3360



149.8950, 22.4650, 5.8650



144.0210, -13.6610, -11.2370



143.5390, -26.6830, -6.5150

Sweetspot

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



150.7940, 12.7440, 11.3360



214.9730, 4.6300, 4.1980



147.6060, -1.2860, 12.2980



107.5490, 2.8880, 2.7280



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.



150.7940, 12.7440, 11.3360



191.9030, 19.9870, 17.7390



149.0840, 17.5590, 6.6710



78.8480, 3.4840, 2.9400



53.2580, 62.8490, 55.9450



7.2340, 8.3890, 7.6610

Inverse Universe

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



150.7940, 12.7440, 11.3360



191.9030, 19.9870, 17.7390



160.9160, -17.5590, -6.6710



78.8480, 3.4840, 2.9400



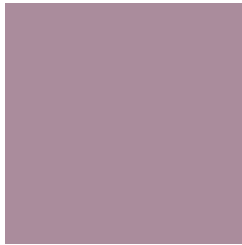
53.2580, 62.8490, 55.9450



7.2340, 8.3890, 7.6610

Previews

White Background



This preview shows how the YIQ color 150.7940, 12.7440, 11.3360 looks on a white background.

Color Contrast Check

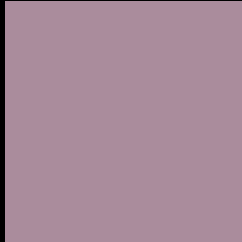
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.7940, 12.7440, 11.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

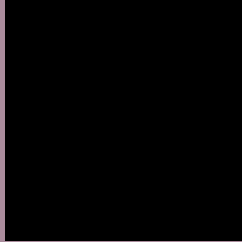
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.7940, 12.7440, 11.3360

Background



This preview shows how black text looks on a background with the YIQ color 150.7940, 12.7440, 11.3360.



This preview shows how white text looks on a background with the YIQ color 150.7940, 12.7440,

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

150.7940, 12.7440, 11.3360

Protanopia

148.8950, -3.8980, 4.5660

Deuteranopia

150.0380, 6.0050, 6.8130



Tritanopia

150.6260, 13.1570, 9.3570

Trichromacy



Original Color

150.7940, 12.7440, 11.3360

Protanomaly

149.2980, 2.3370, 7.2090

Deuteranomaly

150.6470, 8.6640, 8.1840

Tritanomaly

150.7400, 12.8360, 9.6680

Monochromacy



Original Color

150.7940, 12.7440, 11.3360

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.7940, 12.7440, 11.3360 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(170, 140, 156)` looks like.

```
.text, #text, p{  
    color:rgb(170, 140, 156)  
}
```

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(170, 140, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 140, 156) }
```

Border

The CSS property to change the border of an element to YIQ 150.7940, 12.7440, 11.3360 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(170, 140, 156) }
```


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

```
.border{ border-color:rgb(170, 140, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 140, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 140, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 140, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 140,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 150.7940, 12.7440, 11.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 140, 156) }
```

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

```
.background{ background-color: rgb(170,  
140, 156) }
```

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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