

Converting Colors

YIQ(149.4260, 16.5960, 7.6040)

Have a look what the booklet for
YIQ(149.4260, 16.5960, 7.6040)
contains.

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Color

**YIQ(149.4260, 16.5960,
7.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8C90
RGB	170, 140, 144
RGB Percent	67%, 55%, 56%
CMY	0.3333, 0.4510, 0.4352
CMYK	0.00, 0.18, 0.15, 0.33
HSL	352°, 15%, 61%
HSV	352°, 18%, 67%
XYZ	30.9931, 29.3147, 30.4168
YIQ	149.4260, 16.5960, 7.6040

Conversions

Conversions Part 2

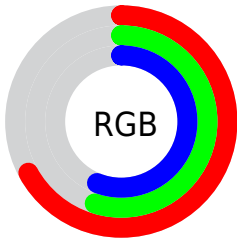
Format	Color
R _Y B	170, 140, 144
Decimal	11177104
CIE Lab	61.06, 12.00, 2.12
CIE LCh	61, 12.186, 10.007
Yxy	29.3147, 0.3416, 0.3231
Android (android.graphics.Color)	4289367184 (0xFFAA8C90)
YUV	149.4260, -2.6750, 18.0434
Hunter-Lab	54.1431, 7.4284, 4.5919

Details

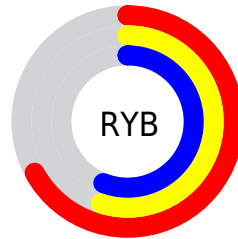
The YIQ color **149.4260, 16.5960, 7.6040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160.5740, -16.5960, -7.6040**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.0240, 17.7880, 8.0280**, and **98.5290, 14.8080, 6.9680** is the 20% darker color. If you saturate the color by 10%, you get **137.7370, 26.0860, 11.8300**, and if you desaturate by 10%, it is **161.1150, 7.1060, 3.3780**.

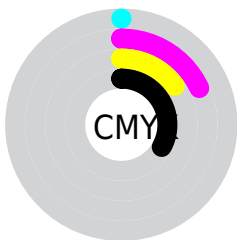
Distribution



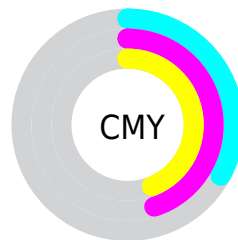
- Red (67%)
- Green (55%)
- Blue (56%)



- Red (67%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4260, 16.5960, 7.6040 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 149.4260, 16.5960, 7.6040 by changing the saturation by 10% instead.


 149.4260, 16.5960,
7.6040


 149.4260, 16.5960,
7.6040


255.0000, -0.0000,
-0.0000


 123.1270, 16.0000,
7.3920


 204.0240, 17.7880,
8.0280


 98.5290, 14.8080,
6.9680


 232.0240, 17.7880,
8.0280

 74.2300, 14.2120,
6.7560

 251.9510, 1.6960,
2.3040

 51.9310, 13.6160,
6.5440

 30.3330, 12.4240,
6.1200

 8.3720, 16.6880,
5.9360

 0.0000, 0.0000,

0.0000

149.4260, 16.5960,
7.6040

149.4260, 16.5960,
7.6040

137.7370, 26.0860,
11.8300

161.1150, 7.1060,
3.3780

126.1620, 35.2550,
16.3670

172.6900, -2.0630,
-1.1590

114.4730, 44.7450,
20.5930

184.3790,
-11.5530, -5.3850

102.7840, 54.2350,
24.8190

196.0680,
-21.0430, -9.6110

91.0950, 63.7250,
29.0450

207.7570,
-30.5330, -13.8370

79.5200, 72.8940,
33.5820

219.3320,
-39.7020, -18.3740

■ 67.8310, 82.3840,
37.8080

■ 228.6730,
-48.0920, -20.5080

■ 56.1420, 91.8740,
42.0340

■ 229.5850,
-50.6600, -18.0200

■ 53.4520, 93.9370,
43.1930

Harmonies

Analogous

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



149.7720, 9.8100, 9.4420



149.4260, 16.5960, 7.6040



148.5740, 18.9350, 3.7590

Triad

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



149.4260, 16.5960, 7.6040



145.4310, -0.1360, -8.5520



145.3600, -18.5690, 0.6230

Complementary

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



149.4260, 16.5960, 7.6040



160.5740, -16.5960, -7.6040

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.



144.0450, -22.2360, -4.5080



149.4260, 16.5960, 7.6040



144.0430, -10.7270, -9.3430

Square

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



149.4260, 16.5960, 7.6040



146.6880, 9.4460, -5.9940



143.7910, -18.7050, -7.9290



147.3010, -10.9130, 5.0470

Rectangle

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



149.4260, 16.5960, 7.6040



147.9820, 17.6060, 0.3100



143.7910, -18.7050, -7.9290



144.9360, -20.3110, -0.8470

Sweetspot

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



149.4260, 16.5960, 7.6040



214.4030, 6.2350, 2.6430



151.1940, 5.8660, 14.8420



107.2070, 3.8510, 1.7950



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.



149.4260, 16.5960, 7.6040



189.8510, 25.7650, 12.1410



155.4270, 14.8550, 0.6070



78.5060, 4.4470, 2.0070



46.5320, 81.7880, 37.5960



6.3220, 10.9570, 5.1730

Inverse Universe

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



149.4260, 16.5960, 7.6040



189.8510, 25.7650, 12.1410



155.1600, -15.1300, -1.1300



78.5060, 4.4470, 2.0070



46.5320, 81.7880, 37.5960



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 149.4260, 16.5960, 7.6040 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 149.4260, 16.5960, 7.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

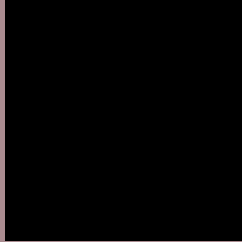
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.4260, 16.5960, 7.6040

Background



This preview shows how black text looks on a background with the YIQ color 149.4260, 16.5960, 7.6040.



This preview shows how white text looks on a background with the YIQ color 149.4260, 16.5960,

7.6040.

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

149.4260, 16.5960, 7.6040

Protanopia

148.0110, 1.4670, 0.9470

Deuteranopia

149.0940, 11.5990, 4.5510



Tritanopia

149.8220, 15.5410, 10.2050

Trichromacy



Original Color

149.4260, 16.5960, 7.6040

Protanomaly

148.2290, 6.7850, 3.6890

Deuteranomaly

149.4040, 13.6620, 5.7100

Tritanomaly

149.5940, 16.1830, 9.5830

Monochromacy



Original Color

149.4260, 16.5960, 7.6040

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.4030, 6.2350, 2.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4260, 16.5960, 7.6040 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(170, 140, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 140, 144) }
```

Border

The CSS property to change the border of an element to YIQ 149.4260, 16.5960, 7.6040 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, 144) }
```


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

```
.border{ border-color:rgb(170, 140, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(170, 140,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4260, 16.5960, 7.6040 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, 144) }
```

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

```
.background{ background-color: rgb(170,  
140, 144) }
```

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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