

Converting Colors

YIQ(147.5760, 16.5940, 18.6580)

Have a look what the booklet for
YIQ(147.5760, 16.5940, 18.6580)
contains.

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Color

**YIQ(147.5760, 16.5940,
18.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	AF83A1
RGB	175, 131, 161
RGB Percent	69%, 51%, 63%
CMY	0.3136, 0.4863, 0.3686
CMYK	0.00, 0.25, 0.08, 0.31
HSL	319°, 22%, 60%
HSV	319°, 25%, 69%
XYZ	32.2341, 27.9188, 37.4132
YIQ	147.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

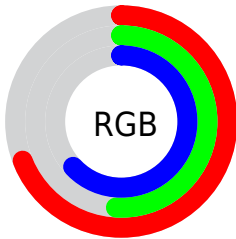
Format	Color
RYB	175, 131, 161
Decimal	11502497
CIELab	59.82, 21.89, -9.37
CIElCh	60, 23.811, 336.835
Yxy	27.9188, 0.3304, 0.2862
Android (android.graphics.Color)	4289692577 (0xFFAF83A1)
YUV	147.5760, 6.6180, 24.0508
Hunter-Lab	52.8383, 16.4272, -4.9947

Details

The YIQ color **147.5760, 16.5940, 18.6580** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158.4240, -16.5940, -18.6580**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7010, 17.7400, 19.9160**, and **96.4510, 15.4480, 17.4000** is the 20% darker color. If you saturate the color by 10%, you get **136.3260, 23.4700, 26.2060**, and if you desaturate by 10%, it is **158.2390, 9.9930, 11.6330**.

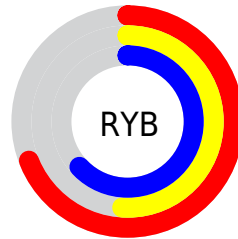
Distribution



Red (69%)

Green (51%)

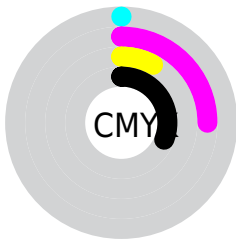
Blue (63%)



Red (69%)

Yellow (51%)

Blue (63%)

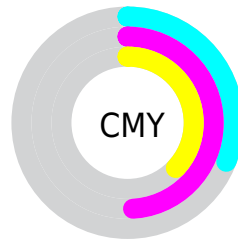


Cyan (0%)

Magenta (25%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.5760, 16.5940, 18.6580 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 147.5760, 16.5940, 18.6580 by changing the saturation by 10% instead.


 147.5760, 16.5940,
18.6580


 147.5760, 16.5940,
18.6580


255.0000, -0.0000,
-0.0000

 121.8640, 15.7230,
17.9230


 201.7010, 17.7400,
19.9160


 96.4510, 15.4480,
17.4000


 228.5050, 15.3560,
19.0680

 72.7390, 14.5770,
16.6650

 246.7820, 3.8500,
7.3220

 49.1410, 13.3850,
16.2410

 26.8420, 12.7890,
16.0290

 11.5490, 12.0560,
12.7920

 0.0000, 0.0000,

0.0000

■ 147.5760, 16.5940,
18.6580

■ 147.5760, 16.5940,
18.6580

■ 136.3260, 23.4700,
26.2060

■ 158.2390, 9.9930,
11.6330

■ 125.7770, 29.7500,
33.5420

■ 169.3750, 3.4380,
3.7740

■ 114.5270, 36.6260,
41.0900

■ 180.0380, -3.1630,
-3.2510

■ 103.9780, 42.9060,
48.4260

■ 191.1740, -9.7180,
-11.1100

■ 92.7280, 49.7820,
55.9740

■ 202.4240,
-16.5940, -18.6580

■ 82.1790, 56.0620,
63.3100

■ 212.9730,
-22.8740, -25.9940

70.9290, 62.9380,
70.8580

224.2230,
-29.7500, -33.5420

65.8910, 66.1010,
74.1090

225.4940,
-31.9510, -32.1990

226.0640,
-33.5560, -30.6440

Harmonies

Analogous

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



146.4580, -3.6250, 16.1430



147.5760, 16.5940, 18.6580



147.2970, 30.4410, 15.5050

Triad

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



147.5760, 16.5940, 18.6580



142.2020, 19.4420, -10.9420



134.3560, -48.2770, -11.6450

Complementary

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



147.5760, 16.5940, 18.6580



158.4240, -16.5940, -18.6580

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.



134.4570, -38.5560, -17.1160



147.5760, 16.5940, 18.6580



139.7590, 1.5160, -16.4680

Square

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



147.5760, 16.5940, 18.6580



144.2300, 31.4070, -2.0090



136.8690, -19.3450, -18.3610



138.0890, -42.7310, -2.0190

Rectangle

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



147.5760, 16.5940, 18.6580



146.2880, 34.6600, 10.6280



136.8690, -19.3450, -18.3610



133.6720, -46.3510, -13.5110

Sweetspot

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



147.5760, 16.5940, 18.6580



215.7500, 6.8760, 7.5480



140.2020, -5.7800, 16.6520



107.5000, 4.5840, 5.0320



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



147.5760, 16.5940, 18.6580



184.5760, 25.7620, 28.7220



145.0680, 23.6560, 11.8160



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Inverse Universe

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



147.5760, 16.5940, 18.6580



184.5760, 25.7620, 28.7220



160.9320, -23.6560, -11.8160



81.3750, 3.4380, 3.7740



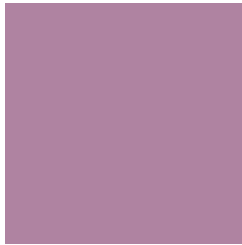
56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 147.5760, 16.5940, 18.6580 looks on a white background.

Color Contrast Check

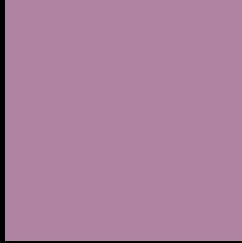
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5760, 16.5940, 18.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

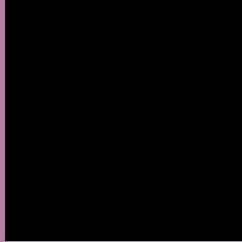
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.5760, 16.5940, 18.6580

Background



This preview shows how black text looks on a background with the YIQ color 147.5760, 16.5940, 18.6580.



This preview shows how white text looks on a background with the YIQ color 147.5760, 16.5940,

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

147.5760, 16.5940, 18.6580

Protanopia

144.7680, -10.7300, 7.2380

Deuteranopia

145.7540, 1.0530, 8.4530



Tritanopia

146.8010, 20.0340, 11.3780

Trichromacy



Original Color

147.5760, 16.5940, 18.6580

Protanomaly

145.9650, -0.9190, 11.1530

Deuteranomaly

146.4990, 6.3250, 12.0290

Tritanomaly

147.1970, 18.9790, 13.9790

Monochromacy



Original Color

147.5760, 16.5940, 18.6580

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0380, 6.0050, 6.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5760, 16.5940, 18.6580 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(175, 131, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 161)  
}
```

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(175, 131, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 161) }
```

Border

The CSS property to change the border of an element to YIQ 147.5760, 16.5940, 18.6580 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(175, 131, 161) }
```


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

```
.border{ border-color:rgb(175, 131, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5760, 16.5940, 18.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 161) }
```

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

```
.background{ background-color: rgb(175,  
131, 161) }
```

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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