

Converting Colors

YIQ(148.6400, 18.5690, -0.6230)

Have a look what the booklet for
YIQ(148.6400, 18.5690, -0.6230)
contains.

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Color

**YIQ(148.6400, 18.5690,
-0.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	A6907F
RGB	166, 144, 127
RGB Percent	65%, 56%, 50%
CMY	0.3490, 0.4353, 0.5019
CMYK	0.00, 0.13, 0.23, 0.35
HSL	26°, 18%, 57%
HSV	26°, 23%, 65%
XYZ	29.5322, 29.5847, 24.2402
YIQ	148.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

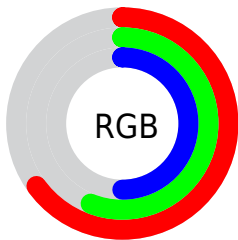
Format	Color
R_{YB}	166, 157, 127
Decimal	10915967
CIE _{Lab}	61.29, 5.49, 12.05
CIE _{LCh}	61, 13.242, 65.513
Y _{xy}	29.5847, 0.3543, 0.3549
Android (android.graphics.Color)	4289106047 (0xFFA6907F)
YUV	148.6400, -10.6685, 15.2247
Hunter-Lab	54.3918, 1.7313, 11.6512

Details

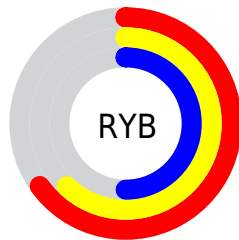
The YIQ color $148.6400, 18.5690, -0.6230$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $144.3600, -18.5690, 0.6230$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $202.8250, 19.4860, -0.7220$, and $98.1560, 17.0560, -0.7360$ is the 20% darker color. If you saturate the color by 10%, you get $141.4190, 26.5010, -1.2030$, and if you desaturate by 10%, it is $155.8610, 10.6370, -0.0430$.

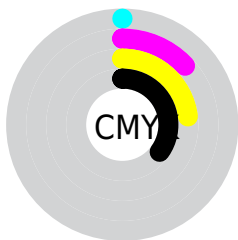
Distribution



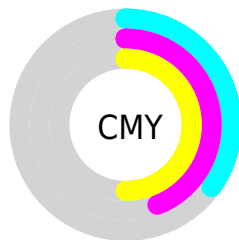
- Red (65%)
- Green (56%)
- Blue (50%)



- Red (65%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (35%)





- Cyan (35%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6400, 18.5690, -0.6230 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 148.6400, 18.5690, -0.6230 by changing the saturation by 10% instead.


 148.6400, 18.5690,
-0.6230


 148.6400, 18.5690,
-0.6230


255.0000, -0.0000,
-0.0000


 122.4550, 17.6520,
-0.5240


 202.8250, 19.4860,
-0.7220


 98.1560, 17.0560,
-0.7360


 231.0100, 20.4030,
-0.8210

 73.9710, 16.1390,
-0.6370

 252.2470, 6.3740,
-5.3860

 51.4870, 14.6260,
-0.7500

 29.7750, 13.7550,
-1.4850

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 148.6400, 18.5690,
-0.6230

■ 148.6400, 18.5690,
-0.6230

■ 141.4190, 26.5010,
-1.2030

■ 155.8610, 10.6370,
-0.0430

■ 133.7250, 34.3870,
-0.9490

■ 163.5550, 2.7510,
-0.2970

■ 126.5040, 42.3190,
-1.5290

■ 170.7760, -5.1810,
0.2830

■ 118.8100, 50.2050,
-1.2750

■ 177.8830,
-12.7920, 0.5520

■ 111.5890, 58.1370,
-1.8550

■ 185.6910,
-20.9990, 0.6090

■ 104.3680, 66.0690,
-2.4350

■ 192.9120,
-28.9310, 1.1890

■ 96.6740, 73.9550,
-2.1810

■ 200.6060,
-36.8170, 0.9350

■ 91.8980, 79.1360,
-2.4640

■ 207.2570,
-43.1440, -0.0400

■ 212.5400,
-45.6190, -4.7470

Harmonies

Analogous

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



149.5850, 20.4020, 4.7060



148.6400, 18.5690, -0.6230



147.4710, 11.5550, -5.6690

Triad

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



148.6400, 18.5690, -0.6230



143.9650, -19.2550, -8.9750



149.3130, -2.0190, 9.0610

Complementary

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



148.6400, 18.5690, -0.6230



144.3600, -18.5690, 0.6230

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.



147.6320, -13.3430, 5.0330



148.6400, 18.5690, -0.6230



144.0340, -23.7030, -5.4550

Square

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



148.6400, 18.5690, -0.6230



144.7010, -9.7640, -10.2760



145.8650, -21.5490, -0.4370



150.1140, 8.8470, 10.3750

Rectangle

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



148.6400, 18.5690, -0.6230



146.1820, 4.9990, -8.0010



145.8650, -21.5490, -0.4370



149.2200, -6.1910, 7.5770

Sweetspot

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



148.6400, 18.5690, -0.6230



210.0070, 7.2900, 0.0420



141.1690, 16.1820, 15.1100



106.0390, 4.2640, -0.1840



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.6400, 18.5690, -0.6230



189.5010, 29.2060, -0.6660



159.7930, 13.3440, -10.5600



80.1530, 3.9430, 0.1270



81.8200, 70.6080, -2.0960



11.2630, 9.4450, -0.4670

Inverse Universe

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



144.3600, -18.5690, 0.6230



182.9120, -28.9310, 1.1890



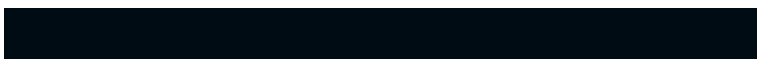
133.2070, -13.3440, 10.5600



79.2600, -3.6680, 0.3960



66.1800, -70.6080, 2.0960



9.3240, -9.7200, -0.0560

Previews

White Background



This preview shows how the YIQ color 148.6400, 18.5690, -0.6230 looks on a white background.

Color Contrast Check

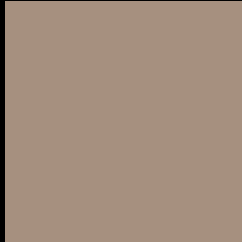
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6400, 18.5690, -0.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

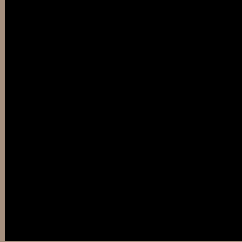
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6400, 18.5690, -0.6230

Background



This preview shows how black text looks on a background with the YIQ color 148.6400, 18.5690, -0.6230.



This preview shows how white text looks on a background with the YIQ color 148.6400, 18.5690,

-0.6230.

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

148.6400, 18.5690, -0.6230

Protanopia

147.9270, 10.2710, -4.4250

Deuteranopia

149.2490, 21.2280, 0.7480



Tritanopia

149.9250, 13.7530, 9.5690

Trichromacy



Original Color

148.6400, 18.5690, -0.6230

Protanomaly

148.4220, 13.2510, -3.3650

Deuteranomaly

148.9500, 20.6320, 0.5360

Tritanomaly

149.1870, 15.7710, 6.0350

Monochromacy



Original Color

148.6400, 18.5690, -0.6230

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7080, 6.6940, -0.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6400, 18.5690, -0.6230 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(166, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 127)  
}
```

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(166, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 127) }
```

Border

The CSS property to change the border of an element to YIQ 148.6400, 18.5690, -0.6230 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(166, 144, 127) }
```


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

```
.border{ border-color:rgb(166, 144, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6400, 18.5690, -0.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 127) }
```

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

```
.background{ background-color: rgb(166,  
144, 127) }
```

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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