

Converting Colors

YIQ(149.5580, 15.8640, -1.1600)

Have a look what the booklet for
YIQ(149.5580, 15.8640, -1.1600)
contains.

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Color

**YIQ(149.5580, 15.8640,
-1.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	A49282
RGB	164, 146, 130
RGB Percent	64%, 57%, 51%
CMY	0.3568, 0.4275, 0.4901
CMYK	0.00, 0.11, 0.21, 0.36
HSL	28°, 16%, 58%
HSV	28°, 21%, 64%
XYZ	29.6198, 30.0610, 25.3671
YIQ	149.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

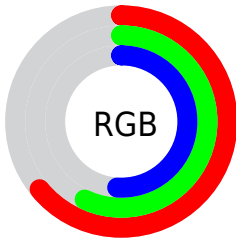
Format	Color
RYB	164, 160, 130
Decimal	10785410
CIELab	61.71, 4.04, 10.91
CIElCh	62, 11.638, 69.662
Yxy	30.0610, 0.3483, 0.3535
Android (android.graphics.Color)	4288975490 (0xFFA49282)
YUV	149.5580, -9.6421, 12.6656
Hunter-Lab	54.8280, 0.4826, 10.9480

Details

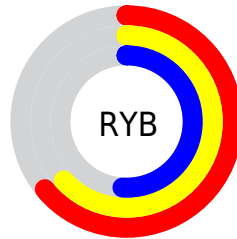
The YIQ color $149.5580, 15.8640, -1.1600$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $144.4420, -15.8640, 1.1600$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $203.7430, 16.7810, -1.2590$, and $99.0740, 14.3510, -1.2730$ is the 20% darker color. If you saturate the color by 10%, you get $142.4510, 23.4750, -1.4290$, and if you desaturate by 10%, it is $156.6650, 8.2530, -0.8910$.

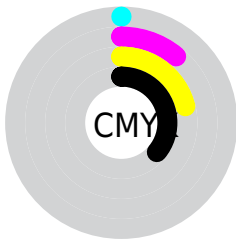
Distribution



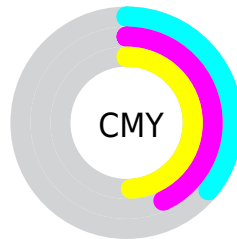
- Red (64%)
- Green (57%)
- Blue (51%)



- Red (64%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5580, 15.8640, -1.1600 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 149.5580, 15.8640, -1.1600 by changing the saturation by 10% instead.

■ 149.5580, 15.8640,
-1.1600

■ 149.5580, 15.8640,
-1.1600

■ 255.0000, -0.0000,
-0.0000

■ 123.6720, 15.5430,
-0.8490

■ 203.7430, 16.7810,
-1.2590

■ 99.0740, 14.3510,
-1.2730

■ 232.0420, 17.3770,
-1.0470

■ 74.8890, 13.4340,
-1.1740

■ 253.1760, 5.1360,
-4.9760

■ 51.7040, 12.5170,
-1.0750

■ 30.9920, 11.6460,
-1.8100

■ 7.1430, 9.9030,
2.2470

■ 0.0000, 0.0000,

0.0000

■ 149.5580, 15.8640,
-1.1600

■ 149.5580, 15.8640,
-1.1600

■ 142.4510, 23.4750,
-1.4290

■ 156.6650, 8.2530,
-0.8910

■ 135.8170, 31.1320,
-2.5320

■ 163.2990, 0.5960,
0.2120

■ 128.7100, 38.7430,
-2.8010

■ 170.4060, -7.0150,
0.4810

■ 121.4890, 46.6750,
-3.3810

■ 177.6270,
-14.9470, 1.0610

■ 114.9690, 54.0110,
-4.1730

■ 184.1470,
-22.2830, 1.8530

■ 107.8620, 61.6220,
-4.4420

■ 191.2540,
-29.8940, 2.1220

■ 100.6410, 69.5540,
-5.0220

■ 198.4750,
-37.8260, 2.7020

■ 94.2350, 76.5690,
-5.5030

■ 204.8980,
-43.5110, 1.1050

■ 209.5940,
-45.7110, -3.0790

Harmonies

Analogous

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



150.2750, 18.3390, 3.5470



149.5580, 15.8640, -1.1600



148.2150, 9.4000, -5.1600

Triad

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



149.5580, 15.8640, -1.1600



145.3890, -17.5130, -7.5050



150.2700, -0.4600, 8.3400

Complementary

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



149.5580, 15.8640, -1.1600



144.4420, -15.8640, 1.1600

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.



149.1870, -10.5920, 4.7360



149.5580, 15.8640, -1.1600



145.6430, -21.0440, -4.0840

Square

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



149.5580, 15.8640, -1.1600



146.3420, -10.1310, -9.1310



147.2460, -18.2480, 0.3120



151.3590, 9.5350, 8.9190

Rectangle

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



149.5580, 15.8640, -1.1600



147.8120, 3.1650, -7.8030



147.2460, -18.2480, 0.3120



149.8890, -3.7610, 7.5910

Sweetspot

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



149.5580, 15.8640, -1.1600



208.4090, 6.0980, -0.3820



142.2180, 14.4860, 12.8060



103.8540, 3.3470, -0.0850



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.



149.5580, 15.8640, -1.1600



191.5220, 24.7130, -1.8390



159.5370, 11.1890, -10.0510



78.0390, 4.2640, -0.1840



83.2710, 67.7200, -4.8240



10.0780, 8.5280, -0.3680

Inverse Universe

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



144.4420, -15.8640, 1.1600



183.4780, -24.7130, 1.8390



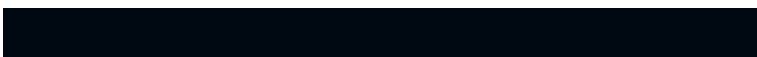
134.4630, -11.1890, 10.0510



76.9610, -4.2640, 0.1840



61.7290, -67.7200, 4.8240



7.3350, -8.2530, 0.8910

Previews

White Background



This preview shows how the YIQ color 149.5580, 15.8640, -1.1600 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 149.5580, 15.8640, -1.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

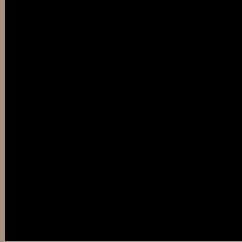
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.5580, 15.8640, -1.1600

Background



This preview shows how black text looks on a background with the YIQ color 149.5580, 15.8640, -1.1600.



This preview shows how white text looks on a background with the YIQ color 149.5580, 15.8640,

-1.1600.

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

149.5580, 15.8640, -1.1600

Protanopia

149.0410, 9.9500, -4.1140

Deuteranopia

150.1780, 19.9900, 1.1580



Tritanopia

151.4300, 10.7730, 8.5090

Trichromacy



Original Color

149.5580, 15.8640, -1.1600

Protanomaly

149.3510, 12.0130, -2.9550

Deuteranomaly

150.1670, 18.5230, 0.2110

Tritanomaly

150.6920, 12.7910, 4.9750

Monochromacy



Original Color

149.5580, 15.8640, -1.1600

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5580, 15.8640, -1.1600 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(164, 146, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 130)  
}
```

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(164, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 130) }
```

Border

The CSS property to change the border of an element to YIQ 149.5580, 15.8640, -1.1600 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(164, 146, 130) }
```


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

```
.border{ border-color:rgb(164, 146, 130) }
```

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

Here you see how a box with a 4 pixel rgb(164, 146, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5580, 15.8640, -1.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 130) }
```

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

```
.background{ background-color: rgb(164,  
146, 130) }
```

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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