

Converting Colors

YIQ(148.7230, 36.7280,
-15.8480)

Have a look what the booklet for
YIQ(148.7230, 36.7280, -15.8480)
contains.

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Color

**YIQ(148.7230, 36.7280,
-15.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9551
RGB	174, 149, 81
RGB Percent	68%, 58%, 32%
CMY	0.3176, 0.4157, 0.6821
CMYK	0.00, 0.14, 0.53, 0.32
HSL	44°, 36%, 50%
HSV	44°, 53%, 68%
XYZ	29.6894, 31.0855, 12.2298
YIQ	148.7230, 36.7280, -15.8480

Conversions

Conversions Part 2

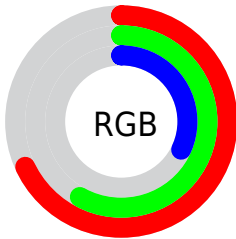
Format	Color
RYB	115, 174, 81
Decimal	11441489
CIELab	62.58, 0.55, 38.98
CIELCh	63, 38.989, 89.195
Yxy	31.0855, 0.4067, 0.4258
Android (android.graphics.Color)	4289631569 (0xFFAE9551)
YUV	148.7230, -33.3874, 22.1679
Hunter-Lab	55.7544, -2.5184, 26.0227

Details

The YIQ color **148.7230, 36.7280, -15.8480** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **106.2770, -36.7280, 15.8480**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2780, 39.4790, -16.1450**, and **97.4560, 33.1060, -16.2860** is the 20% darker color. If you saturate the color by 10%, you get **143.8500, 43.5600, -18.5200**, and if you desaturate by 10%, it is **153.5960, 29.8960, -13.1760**.

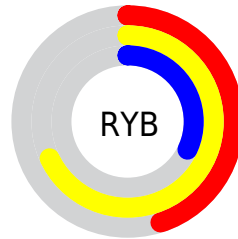
Distribution



Red (68%)

Green (58%)

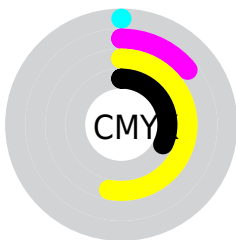
Blue (32%)



Red (45%)

Yellow (68%)

Blue (32%)

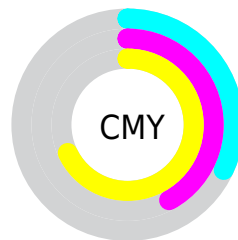


Cyan (0%)

Magenta (14%)

Yellow (53%)

Black (32%)



Cyan (32%)

Magenta (42%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7230, 36.7280, -15.8480 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 148.7230, 36.7280, -15.8480 by changing the saturation by 10% instead.

■ 148.7230, 36.7280,
-15.8480

■ 148.7230, 36.7280,
-15.8480

■ 255.0000, -0.0000,
-0.0000

■ 122.3530, 34.8940,
-15.6500

■ 203.2780, 39.4790,
-16.1450

■ 97.4560, 33.1060,
-16.2860

■ 229.9680, 37.4160,
-17.3040

■ 72.5160, 32.8770,
-17.6430

■ 247.1340, 22.1490,
-21.4590

■ 50.8560, 26.2280,
-12.7800

■ 250.3260, 13.1610,
-12.7510

■ 31.6410, 16.8280,
-7.6200

■ 253.6320, 3.8520,
-3.7320

■ 9.7680, 6.4650,
-1.5270

■ 0.0000, 0.0000,

0.0000

■ 148.7230, 36.7280,
-15.8480

■ 148.7230, 36.7280,
-15.8480

■ 143.8500, 43.5600,
-18.5200

■ 153.5960, 29.8960,
-13.1760

■ 139.4500, 50.4380,
-22.0260

■ 157.9960, 23.0180,
-9.6700

■ 134.5770, 57.2700,
-24.6980

■ 162.8690, 16.1860,
-6.9980

■ 129.5900, 64.4230,
-27.6810

■ 167.8560, 9.0330,
-4.0150

■ 126.5750, 68.7790,
-29.5330

■ 172.1420, 2.4760,
-0.8200

■ 177.0150, -4.3560,
1.8520

■ 182.0020,
-11.5090, 4.8350

■ 186.2880,
-18.0660, 8.0300

■ 191.2750,
-25.2190, 11.0130

Harmonies

Analogous

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



151.1200, 52.2680, -0.1160



148.7230, 36.7280, -15.8480



145.0400, 10.5500, -26.0100

Triad

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



148.7230, 36.7280, -15.8480



120.1790, -105.5390, -31.1630



155.6340, 19.8470, 31.2950

Complementary

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



148.7230, 36.7280, -15.8480



106.2770, -36.7280, 15.8480

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.



153.8560, -16.1890, 23.5790



148.7230, 36.7280, -15.8480



120.2080, -112.5100, -20.4620

Square

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



148.7230, 36.7280, -15.8480



127.2520, -72.2520, -34.2040



144.4700, -56.6250, 7.4950



154.6290, 44.6060, 28.6220

Rectangle

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



148.7230, 36.7280, -15.8480



141.4270, -12.6490, -29.5850



144.4700, -56.6250, 7.4950



155.5340, 8.3850, 29.7690

Sweetspot

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



148.7230, 36.7280, -15.8480



217.0260, 14.3060, -5.9660



111.7710, 47.0820, 27.8020



108.9700, 8.7120, -3.7040



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.



148.7230, 36.7280, -15.8480



187.5770, 57.2700, -24.6980



157.4180, 17.9330, -33.1630



84.2130, 3.7140, -1.2300



109.4200, 59.1500, -25.7300



16.8560, 9.0330, -4.0150

Inverse Universe

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



106.2770, -36.7280, 15.8480



121.4230, -57.2700, 24.6980



97.5820, -17.9330, 33.1630



80.2000, -3.4390, 1.7530



40.5800, -59.1500, 25.7300



6.1440, -9.0330, 4.0150

Previews

White Background



This preview shows how the YIQ color 148.7230, 36.7280, -15.8480 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 148.7230, 36.7280, -15.8480 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 148.7230, 36.7280, -15.8480

Background



This preview shows how black text looks on a background with the YIQ color 148.7230, 36.7280, -15.8480.



This preview shows how white text looks on a background with the YIQ color 148.7230, 36.7280, -15.8480.

-15.8480.

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

148.7230, 36.7280, -15.8480

Protanopia

148.5050, 31.4100, -18.5900

Deuteranopia

149.1910, 44.3380, -10.5900



Tritanopia

153.9150, 19.7130, 11.6890

Trichromacy



Original Color

148.7230, 36.7280, -15.8480

Protanomaly

148.8150, 33.4730, -17.4310

Deuteranomaly

149.1690, 41.4040, -12.4840

Tritanomaly

152.1140, 26.0420, 1.6100

Monochromacy



Original Color

148.7230, 36.7280, -15.8480

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8410, 13.3890, -5.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7230, 36.7280, -15.8480 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(174, 149, 81)` looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 81)  
}
```

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(174, 149, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 81) }
```

Border

The CSS property to change the border of an element to YIQ 148.7230, 36.7280, -15.8480 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(174, 149, 81) }
```


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

```
.border{ border-color:rgb(174, 149, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 149, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 81);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7230, 36.7280, -15.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 149, 81) }
```

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

```
.background{ background-color: rgb(174,  
149, 81) }
```

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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