

Converting Colors

YIQ(148.8250, 44.7080,
-28.3160)

Have a look what the booklet for
YIQ(148.8250, 44.7080, -28.3160)
contains.

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Color

**YIQ(148.8250, 44.7080,
-28.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9B33
RGB	174, 155, 51
RGB Percent	68%, 61%, 20%
CMY	0.3177, 0.3922, 0.7997
CMYK	0.00, 0.11, 0.71, 0.32
HSL	51°, 55%, 44%
HSV	51°, 71%, 68%
XYZ	29.7734, 32.6776, 7.8778
YIQ	148.8250, 44.7080, -28.3160

Conversions

Conversions Part 2

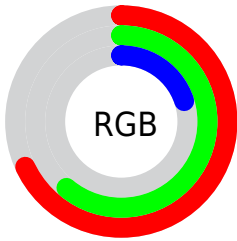
Format	Color
RYB	73, 174, 51
Decimal	11442995
CIELab	63.90, -4.82, 54.42
CIELCh	64, 54.632, 95.061
Yxy	32.6776, 0.4233, 0.4646
Android (android.graphics.Color)	4289633075 (0xFFAE9B33)
YUV	148.8250, -48.2277, 22.0785
Hunter-Lab	57.1644, -7.0679, 31.8443

Details

The YIQ color **148.8250, 44.7080, -28.3160** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **76.1750, -44.7080, 28.3160**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9070, 47.4130, -27.7790**, and **96.3300, 41.7280, -29.3760** is the 20% darker color. If you saturate the color by 10%, you get **145.1260, 50.9900, -32.0340**, and if you desaturate by 10%, it is **152.5240, 38.4260, -24.5980**.

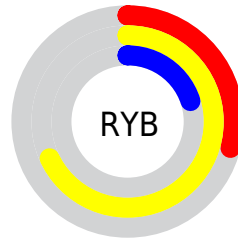
Distribution



Red (68%)

Green (61%)

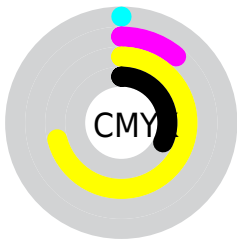
Blue (20%)



Red (29%)

Yellow (68%)

Blue (20%)

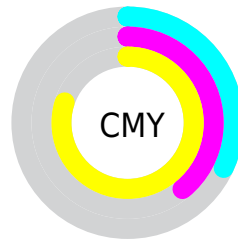


Cyan (0%)

Magenta (11%)

Yellow (71%)

Black (32%)



Cyan (32%)

Magenta (39%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.8250, 44.7080, -28.3160 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 148.8250, 44.7080, -28.3160 by changing the saturation by 10% instead.

■ 148.8250, 44.7080,
-28.3160

■ 148.8250, 44.7080,
-28.3160

■ 255.0000, -0.0000,
-0.0000

■ 121.8850, 44.4790,
-29.6730

■ 203.9070, 47.4130,
-27.7790

■ 96.3300, 41.7280,
-29.3760

■ 230.1840, 45.0750,
-29.4610

■ 74.1690, 32.2360,
-22.5480

■ 243.9420, 31.1370,
-30.1670

■ 53.4810, 22.7900,
-16.5540

■ 247.0200, 22.4700,
-21.7700

■ 32.7930, 13.3440,
-10.5600

■ 250.3260, 13.1610,
-12.7510

■ 12.0830, 0.9640,
-6.4600

■ 253.6320, 3.8520,

■ 0.0000, 0.0000,

-3.7320

0.0000

■ 148.8250, 44.7080,
-28.3160

■ 148.8250, 44.7080,
-28.3160

■ 145.1260, 50.9900,
-32.0340

■ 152.5240, 38.4260,
-24.5980

■ 141.9000, 57.3180,
-36.5860

■ 155.7500, 32.0980,
-20.0460

■ 138.3150, 63.2790,
-39.9930

■ 159.4490, 25.8160,
-16.3280

■ 163.2620, 19.2130,
-12.2990

■ 166.3740, 13.2060,
-8.0580

■ 170.0730, 6.9240,
-4.3400

■ 173.8860, 0.3210,
-0.3110

■ 177.5850, -5.9610,
3.4070

■ 180.8110,
-12.2890, 7.9590

Harmonies

Analogous

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



151.8150, 69.0040, -6.0680



148.8250, 44.7080, -28.3160



143.4870, 4.3170, -39.7070

Triad

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



148.8250, 44.7080, -28.3160



127.7250, -115.7640, -27.5720



158.3900, 35.7540, 45.8820

Complementary

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



148.8250, 44.7080, -28.3160



76.1750, -44.7080, 28.3160

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.



158.6150, -13.5320, 36.0040



148.8250, 44.7080, -28.3160



128.0790, -125.0280, -13.8600

Square

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



148.8250, 44.7080, -28.3160



123.5410, -101.2270, -43.2350



142.4150, -81.1550, 11.5250



154.9850, 67.3910, 39.7030

Rectangle

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



148.8250, 44.7080, -28.3160



136.8170, -31.9030, -44.0870



142.4150, -81.1550, 11.5250



159.3220, 21.2660, 44.1300

Sweetspot

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



148.8250, 44.7080, -28.3160



217.4190, 17.3330, -11.2670



90.1710, 66.5670, 32.6070



108.7590, 10.6840, -6.4040



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.



148.8250, 44.7080, -28.3160



187.3880, 70.2030, -44.3330



147.7190, 15.0470, -46.9450



84.8000, 3.4390, -1.7530



119.3990, 54.4750, -34.6210



18.0300, 8.4830, -5.0610

Inverse Universe

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



76.1750, -44.7080, 28.3160



73.6120, -70.2030, 44.3330



77.2810, -15.0470, 46.9450



79.6130, -3.1640, 2.2760



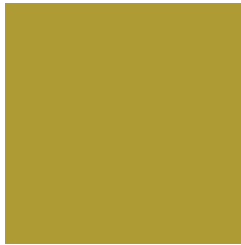
30.6010, -54.4750, 34.6210



4.9700, -8.4830, 5.0610

Previews

White Background



This preview shows how the YIQ color 148.8250, 44.7080, -28.3160 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 148.8250, 44.7080, -28.3160 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 148.8250, 44.7080, -28.3160

Background



This preview shows how black text looks on a background with the YIQ color 148.8250, 44.7080, -28.3160.



This preview shows how white text looks on a background with the YIQ color 148.8250, 44.7080, -28.3160.

-28.3160.

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

148.8250, 44.7080, -28.3160

Protanopia

148.5260, 44.1120, -28.5280

Deuteranopia

150.4510, 57.8650, -18.9590



Tritanopia

157.3170, 18.5210, 11.2650

Trichromacy



Original Color

148.8250, 44.7080, -28.3160

Protanomaly

148.5260, 44.1120, -28.5280

Deuteranomaly

150.0050, 53.1890, -22.3230

Tritanomaly

154.4360, 27.8310, -3.2810

Monochromacy



Original Color

148.8250, 44.7080, -28.3160

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.7610, 16.3700, -10.3340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.8250, 44.7080, -28.3160 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, 155, 51)` looks like.

```
.text, #text, p{  
    color:rgb(174, 155, 51)  
}
```

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, 155, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 155, 51) }
```

Border

The CSS property to change the border of an element to YIQ 148.8250, 44.7080, -28.3160 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, 155, 51) }
```


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

```
.border{ border-color:rgb(174, 155, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 155, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 155, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 155, 51);  
box-shadow:4px 4px 4px 4px rgb(174, 155,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 148.8250, 44.7080, -28.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 155, 51) }
```

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

```
.background{ background-color: rgb(174,  
155, 51) }
```

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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