

Converting Colors

YIQ(182.8710, 31.0400, -0.8640)

Have a look what the booklet for
YIQ(182.8710, 31.0400, -0.8640)
contains.

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Color

**YIQ(182.8710, 31.0400,
-0.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AF93
RGB	212, 175, 147
RGB Percent	83%, 69%, 58%
CMY	0.1686, 0.3138, 0.4234
CMYK	0.00, 0.17, 0.31, 0.17
HSL	26°, 43%, 70%
HSV	26°, 31%, 83%
XYZ	47.7529, 46.7613, 34.1280
YIQ	182.8710, 31.0400, -0.8640

Conversions

Conversions Part 2

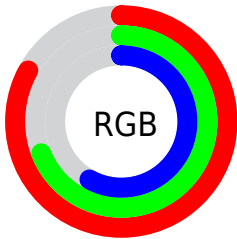
Format	Color
R _Y B	212, 196, 147
Decimal	13938579
CIE Lab	74.04, 9.40, 19.38
CIE LCh	74, 21.538, 64.130
Yxy	46.7613, 0.3712, 0.3635
Android (android.graphics.Color)	4292128659 (0xFFD4AF93)
YUV	182.8710, -17.6844, 25.5461
Hunter-Lab	68.3823, 4.9816, 18.2774

Details

The YIQ color $182.8710, 31.0400, -0.8640$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $176.1290, -31.0400, 0.8640$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.7560, 23.9340, -4.2420$, and $129.7890, 28.3350, -1.4010$ is the 20% darker color. If you saturate the color by 10%, you get $173.4330, 41.0810, -1.1190$, and if you desaturate by 10%, it is $192.3090, 20.9990, -0.6090$.

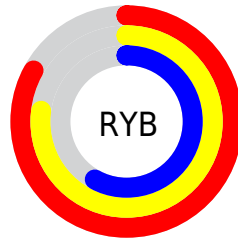
Distribution



Red (83%)

Green (69%)

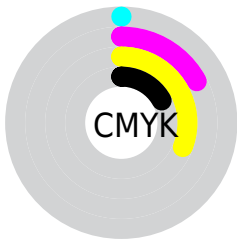
Blue (58%)



Red (83%)

Yellow (77%)

Blue (58%)

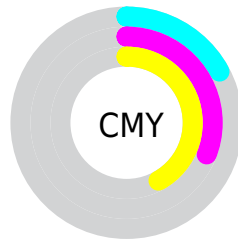


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (17%)



Cyan (17%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8710, 31.0400, -0.8640 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 182.8710, 31.0400, -0.8640 by changing the saturation by 10% instead.

■ 182.8710, 31.0400,
-0.8640

■ 182.8710, 31.0400,
-0.8640

255.0000, -0.0000,
-0.0000

■ 155.6860, 30.1230,
-0.7650

■ 234.7560, 23.9340,
-4.2420

■ 129.7890, 28.3350,
-1.4010

■ 252.0360, 8.3460,
-8.0860

■ 104.6040, 27.4180,
-1.3020

■ 80.2340, 25.5840,
-1.1040

■ 56.4510, 23.4750,
-1.4290

■ 34.5110, 23.2460,
-2.7860

■ 13.6770, 17.1470,

3.1230

■ 0.0000, 0.0000,
0.0000

■ 182.8710, 31.0400,
-0.8640

■ 182.8710, 31.0400,
-0.8640

■ 173.4330, 41.0810,
-1.1190

■ 192.3090, 20.9990,
-0.6090

■ 163.9950, 51.1220,
-1.3740

■ 201.7470, 10.9580,
-0.3540

■ 154.4430, 61.4840,
-1.9400

■ 211.2990, 0.5960,
0.2120

■ 145.0050, 71.5250,
-2.1950

■ 220.7370, -9.4450,
0.4670

■ 135.5670, 81.5660,
-2.4500

■ 230.1750,
-19.4860, 0.7220

■ 125.5420, 91.8820,
-2.1820

■ 237.4470,
-23.4280, -4.9320

■ 116.8050,
101.3270, -2.6490

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



184.5220, 33.8810, 8.2250



182.8710, 31.0400, -0.8640



181.1420, 19.6710, -9.5850

Triad

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



182.8710, 31.0400, -0.8640



174.0340, -32.8710, -15.5190



184.3330, -4.7710, 14.8850

Complementary

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



182.8710, 31.0400, -0.8640



176.1290, -31.0400, 0.8640

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.



181.3520, -24.1180, 7.5780



182.8710, 31.0400, -0.8640



174.1180, -41.6750, -10.1470

Square

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



182.8710, 31.0400, -0.8640



176.2500, -16.0440, -17.6120



177.2420, -38.7880, -1.8920



185.3800, 14.2100, 17.8100

Rectangle

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



182.8710, 31.0400, -0.8640



179.6460, 9.2640, -13.7120



177.2420, -38.7880, -1.8920



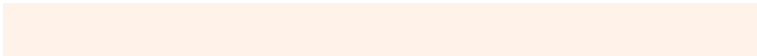
183.1580, -11.6480, 12.8640

Sweetspot

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



182.8710, 31.0400, -0.8640



244.7470, 10.9580, -0.3540



170.7670, 26.5420, 25.5980



121.5940, 7.0150, -0.4810



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



182.8710, 31.0400, -0.8640



212.5860, 45.0240, -0.9920



201.6550, 22.2400, -17.6000



102.2240, 5.1810, -0.2830



93.9800, 81.8410, -1.9270



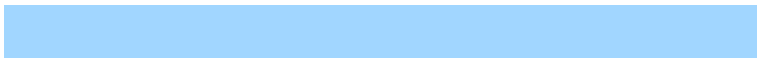
24.0100, 20.4030, -0.8210

Inverse Universe

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



176.1290, -31.0400, 0.8640



202.8270, -44.7490, 1.5150



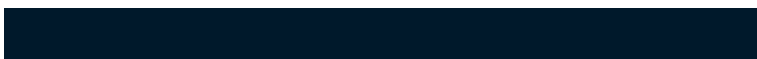
157.3450, -22.2400, 17.6000



100.7760, -5.1810, 0.2830



76.4330, -81.5660, 2.4500



19.5770, -20.6780, 0.2980

Previews

White Background



This preview shows how the YIQ color 182.8710, 31.0400, -0.8640 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 182.8710, 31.0400, -0.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

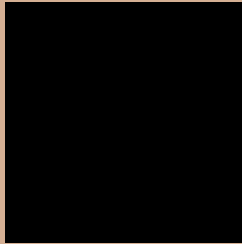
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.8710, 31.0400, -0.8640

Background



This preview shows how black text looks on a background with the YIQ color 182.8710, 31.0400, -0.8640.



This preview shows how white text looks on a background with the YIQ color 182.8710, 31.0400, -0.8640.

-0.8640.

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

182.8710, 31.0400, -0.8640

Protanopia

181.6410, 16.8280, -7.6200

Deuteranopia

182.8710, 31.0400, -0.8640



Tritanopia

185.2360, 23.2430, 13.7950

Trichromacy



Original Color

182.8710, 31.0400, -0.8640

Protanomaly

181.8590, 22.1460, -4.8780

Deuteranomaly

182.8710, 31.0400, -0.8640

Tritanomaly

184.6290, 26.2700, 8.4940

Monochromacy



Original Color

182.8710, 31.0400, -0.8640

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.0460, 11.5540, -0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8710, 31.0400, -0.8640 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(212, 175, 147)` looks like.

```
.text, #text, p{  
    color:rgb(212, 175, 147)  
}
```

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(212, 175, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 175, 147) }
```

Border

The CSS property to change the border of an element to YIQ 182.8710, 31.0400, -0.8640 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(212, 175, 147) }
```


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

```
.border{ border-color:rgb(212, 175, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 175, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 175, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 175, 147);  
box-shadow:4px 4px 4px 4px rgb(212, 175,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8710, 31.0400, -0.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 175, 147) }
```

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

```
.background{ background-color: rgb(212,  
175, 147) }
```

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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