

Converting Colors

YIQ(186.4690, 32.2320, -0.4400)

Have a look what the booklet for
YIQ(186.4690, 32.2320, -0.4400)
contains.

YIQ(186.4690, 32.2320, -0.4400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.4690, 32.2320,
-0.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B296
RGB	217, 178, 150
RGB Percent	85%, 70%, 59%
CMY	0.1489, 0.3020, 0.4116
CMYK	0.00, 0.18, 0.31, 0.15
HSL	25°, 47%, 72%
HSV	25°, 31%, 85%
XYZ	50.0462, 48.7921, 35.6504
YIQ	186.4690, 32.2320, -0.4400

Conversions

Conversions Part 2

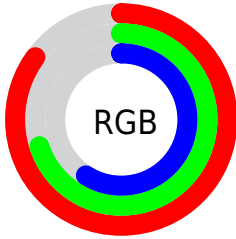
Format	Color
RYB	217, 198, 150
Decimal	14267030
CIELab	75.32, 10.12, 19.60
CIELCh	75, 22.064, 62.690
Yxy	48.7921, 0.3721, 0.3628
Android (android.graphics.Color)	4292457110 (0xFFD9B296)
YUV	186.4690, -17.9792, 26.7757
Hunter-Lab	69.8514, 5.6495, 18.6358

Details

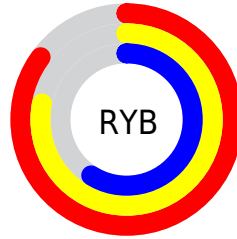
The YIQ color $186.4690, 32.2320, -0.4400$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.5310, -32.2320, 0.4400$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.8590, 22.1460, -4.8780$, and $132.8000, 29.8020, -0.4540$ is the 20% darker color. If you saturate the color by 10%, you get $176.3300, 42.8690, -0.4830$, and if you desaturate by 10%, it is $196.6080, 21.5950, -0.3970$.

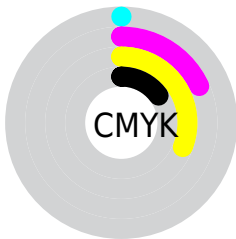
Distribution



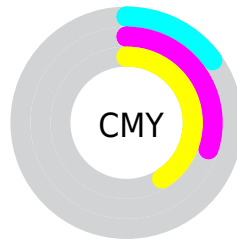
- Red (85%)
- Green (70%)
- Blue (59%)



- Red (85%)
- Yellow (78%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.4690, 32.2320, -0.4400 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 186.4690, 32.2320, -0.4400 by changing the saturation by 10% instead.


 186.4690, 32.2320,
-0.4400


 186.4690, 32.2320,
-0.4400


255.0000, -0.0000,
-0.0000


 159.2840, 31.3150,
-0.3410


 236.8590, 22.1460,
-4.8780


 132.8000, 29.8020,
-0.4540

 252.3780, 7.3830,
-7.1530

 107.3160, 28.2890,
-0.5670

 82.8320, 26.7760,
-0.6800

 60.0490, 24.6670,
-1.0050

 37.0380, 23.2000,
-1.9520

 16.9220, 17.8350,

1.6670

■ 0.0000, 0.0000,
0.0000

■ 186.4690, 32.2320,
-0.4400

■ 186.4690, 32.2320,
-0.4400

■ 176.3300, 42.8690,
-0.4830

■ 196.6080, 21.5950,
-0.3970

■ 166.8920, 52.9100,
-0.7380

■ 206.0460, 11.5540,
-0.1420

■ 156.7530, 63.5470,
-0.7810

■ 216.1850, 0.9170,
-0.0990

■ 146.6140, 74.1840,
-0.8240

■ 226.3240, -9.7200,
-0.0560

■ 137.1760, 84.2250,
-1.0790

■ 235.4200,
-18.7980, -0.7340

■ 127.0370, 94.8620,
-1.1220

■ 243.0510,
-22.3730, -7.5330

■ 118.3000,
104.3070, -1.5890

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



188.1200, 35.0730, 8.6490



186.4690, 32.2320, -0.4400



184.6260, 21.1840, -9.4720

Triad

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



186.4690, 32.2320, -0.4400



177.3220, -33.7420, -16.2540



187.8490, -6.2840, 14.7720

Complementary

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



186.4690, 32.2320, -0.4400



180.5310, -32.2320, 0.4400

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.



184.5690, -26.2270, 7.2530



186.4690, 32.2320, -0.4400



177.2210, -43.4630, -10.7830

Square

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



186.4690, 32.2320, -0.4400



179.4350, -15.1270, -17.7110



180.3450, -40.5760, -2.5280



189.4940, 13.8890, 18.1210

Rectangle

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



186.4690, 32.2320, -0.4400



183.1300, 10.7770, -13.5990



180.3450, -40.5760, -2.5280



186.9730, -12.5650, 12.9630

Sweetspot

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



186.4690, 32.2320, -0.4400



244.7470, 10.9580, -0.3540



174.4790, 27.4130, 26.3330



121.0070, 7.2900, 0.0420



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.



186.4690, 32.2320, -0.4400



211.9990, 45.2990, -0.4690



205.8400, 23.1570, -17.6990



104.6370, 5.4560, 0.2400



93.9910, 83.3080, -0.9800



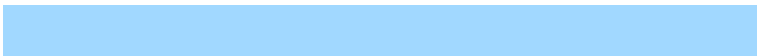
24.9070, 22.1910, -0.1850

Inverse Universe

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



180.5310, -32.2320, 0.4400



204.0010, -45.2990, 0.4690



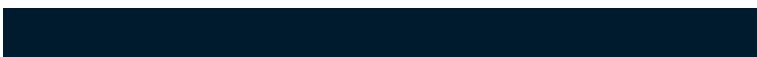
161.1600, -23.1570, 17.6990



103.7760, -5.1810, 0.2830



79.0090, -83.3080, 0.9800



21.0930, -22.1910, 0.1850

Previews

White Background



This preview shows how the YIQ color 186.4690, 32.2320, -0.4400 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 186.4690, 32.2320, -0.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

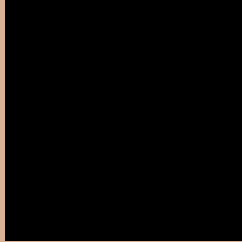
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4690, 32.2320, -0.4400

Background



This preview shows how black text looks on a background with the YIQ color 186.4690, 32.2320, -0.4400.



This preview shows how white text looks on a background with the YIQ color 186.4690, 32.2320, -0.4400.

-0.4400.

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

186.4690, 32.2320, -0.4400

Protanopia

184.7550, 16.5070, -7.3090

Deuteranopia

186.1700, 31.6360, -0.6520



Tritanopia

188.8340, 24.4350, 14.2190

Trichromacy



Original Color

186.4690, 32.2320, -0.4400

Protanomaly

185.2720, 22.4210, -4.3550

Deuteranomaly

186.1700, 31.6360, -0.6520

Tritanomaly

188.2270, 27.4620, 8.9180

Monochromacy



Original Color

186.4690, 32.2320, -0.4400

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0460, 11.5540, -0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4690, 32.2320, -0.4400 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(217, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(217, 178, 150)  
}
```

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(217, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 150) }
```

Border

The CSS property to change the border of an element to YIQ 186.4690, 32.2320, -0.4400 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(217, 178, 150) }
```


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

```
.border{ border-color:rgb(217, 178, 150) }
```

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

Here you see how a box with a 4 pixel rgb(217, 178, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(217, 178,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4690, 32.2320, -0.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 178, 150) }
```

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

```
.background{ background-color: rgb(217,  
178, 150) }
```

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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