

Converting Colors

YIQ(224.4690, 32.2320, -0.4400)

Have a look what the booklet for
YIQ(224.4690, 32.2320, -0.4400)
contains.

YIQ(224.4690, 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(224.4690, 32.2320,
-0.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8BC
RGB	255, 216, 188
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1530, 0.2626
CMYK	0.00, 0.15, 0.26, 0.00
HSL	25°, 100%, 87%
HSV	25°, 26%, 100%
XYZ	74.8729, 73.9958, 57.9349
YIQ	224.4690, 32.2320, -0.4400

Conversions

Conversions Part 2

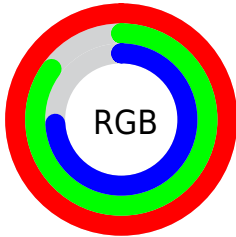
Format	Color
R _Y B	255, 236, 188
Decimal	16767164
CIE Lab	88.92, 9.53, 18.83
CIE LCh	89, 21.108, 63.150
Yxy	73.9958, 0.3620, 0.3578
Android (android.graphics.Color)	4294957244 (0xFFFFD8BC)
YUV	224.4690, -17.9792, 26.7757
Hunter-Lab	86.0208, 4.8307, 20.2828

Details

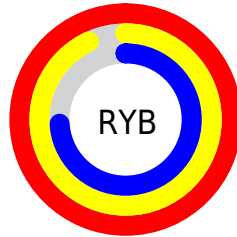
The YIQ color $224.4690, 32.2320, -0.4400$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $218.5310, -32.2320, 0.4400$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $168.8000, 29.8020, -0.4540$ is the 20% darker color. If you saturate the color by 10%, you get $212.8140, 44.3820, -0.3700$, and if you desaturate by 10%, it is $236.2380, 19.7610, -0.1990$.

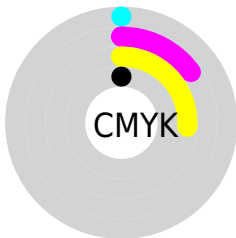
Distribution



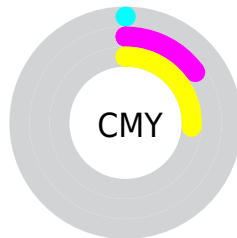
- Red (100%)
- Green (85%)
- Blue (74%)



- Red (100%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4690, 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 224.4690, 32.2320, -0.4400 by changing the saturation by 10% instead.

224.4690, 32.2320,
-0.4400

224.4690, 32.2320,
-0.4400

255.0000, -0.0000,
-0.0000

196.2840, 31.3150,
-0.3410

253.7460, 3.5310,
-3.4210

168.8000, 29.8020,
-0.4540

142.5010, 29.2060,
-0.6660

117.0170, 27.6930,
-0.7790

91.6470, 25.8590,
-0.5810

68.0490, 24.6670,
-1.0050

45.3800, 22.2370,

-1.0190

■ 24.5970, 20.1280,
-1.3440

■ 3.8870, 7.7480,
2.7560

■ 224.4690, 32.2320,
-0.4400

■ 224.4690, 32.2320,
-0.4400

■ 212.8140, 44.3820,
-0.3700

■ 236.2380, 19.7610,
-0.1990

■ 201.0450, 56.8530,
-0.6110

■ 247.8930, 7.6110,
-0.2690

■ 189.3900, 69.0030,
-0.5410

255.0000, -0.0000,
-0.0000

■ 178.2080, 81.1990,
-1.3050

■ 166.5530, 93.3490,
-1.2350

■ 154.7840,
105.8200, -1.4760

■ 143.1290,
117.9700, -1.4060

■ 138.4670,
122.8300, -1.3780

Harmonies

Analogous

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



223.1300, 29.1130, 6.5290



224.4690, 32.2320, -0.4400



222.6260, 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.



224.4690, 32.2320, -0.4400



215.9200, -32.5500, -15.8300



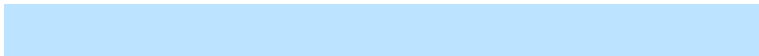
225.2190, -4.4500, 14.5740

Complementary

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



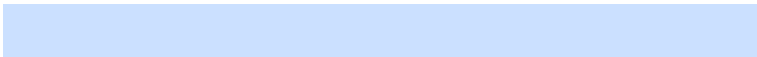
224.4690, 32.2320, -0.4400



218.5310, -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.



221.2550, -22.4670, 5.1890



224.4690, 32.2320, -0.4400



216.1180, -41.6750, -10.1470

Square

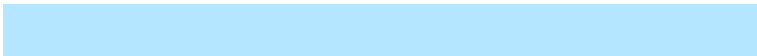
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.4690, 32.2320, -0.4400



217.5490, -15.4480, -17.4000



218.1990, -37.2290, -2.6130



227.3800, 14.2100, 17.8100

Rectangle

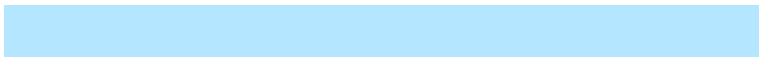
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.4690, 32.2320, -0.4400



220.8310, 10.1810, -13.8110



218.1990, -37.2290, -2.6130



224.2890, -10.6390, 11.0970

Sweetspot

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



224.4690, 32.2320, -0.4400



245.6760, 9.7200, 0.0560



212.4790, 27.4130, 26.3330



121.8220, 6.3730, 0.1410



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.



224.4690, 32.2320, -0.4400



217.4760, 39.5220, -0.3980



243.8400, 23.1570, -17.6990



121.8220, 6.3730, 0.1410



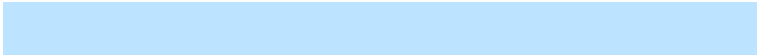
104.0690, 91.8360, -1.3480



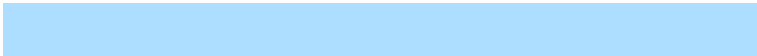
34.9850, 30.7190, -0.5530

Inverse Universe

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



218.5310, -32.2320, 0.4400



210.5240, -39.5220, 0.3980



199.1600, -23.1570, 17.6990



120.5910, -6.0980, 0.3820



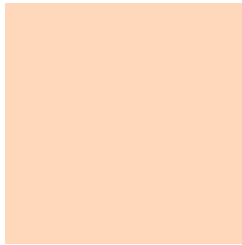
86.9310, -91.8360, 1.3480



29.0150, -30.7190, 0.5530

Previews

White Background



This preview shows how the YIQ color 224.4690, 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 224.4690, 32.2320, -0.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

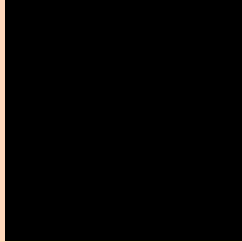
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.4690, 32.2320, -0.4400

Background



This preview shows how black text looks on a background with the YIQ color 224.4690, 32.2320, -0.4400.



This preview shows how white text looks on a background with the YIQ color 224.4690, 32.2320,

-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

224.4690, 32.2320, -0.4400

Protanopia

222.9400, 17.4240, -7.4080

Deuteranopia

224.8110, 31.2690, 0.4930



Tritanopia

226.4530, 21.1340, 13.4700

Trichromacy



Original Color

224.4690, 32.2320, -0.4400

Protanomaly

223.1580, 22.7420, -4.6660

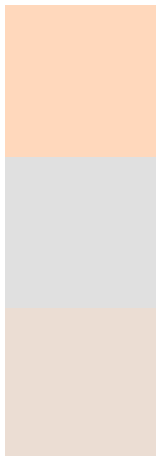
Deuteranomaly

224.6970, 31.5900, 0.1820

Tritanomaly

225.4440, 25.3530, 8.5930

Monochromacy



Original Color

224.4690, 32.2320, -0.4400

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0460, 11.5540, -0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4690, 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(255, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 188)  
}
```

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(255, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 188) }
```

Border

The CSS property to change the border of an element to YIQ 224.4690, 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(255, 216, 188) }
```


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

```
.border{ border-color:rgb(255, 216, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4690, 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(255, 216, 188) }
```

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

```
.background{ background-color: rgb(255,  
216, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor