

Converting Colors

YIQ(222.8660, 29.4360, -4.8360)

Have a look what the booklet for
YIQ(222.8660, 29.4360, -4.8360)
contains.

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Color

**YIQ(222.8660, 29.4360,
-4.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DAB6
RGB	248, 218, 182
RGB Percent	97%, 85%, 71%
CMY	0.0274, 0.1451, 0.2861
CMYK	0.00, 0.12, 0.27, 0.03
HSL	33°, 83%, 84%
HSV	33°, 27%, 97%
XYZ	72.2312, 73.4739, 54.6508
YIQ	222.8660, 29.4360, -4.8360

Conversions

Conversions Part 2

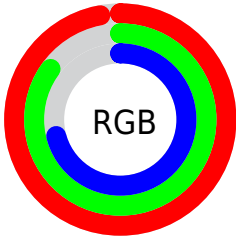
Format	Color
RYB	237, 248, 182
Decimal	16308918
CIELab	88.67, 5.10, 21.53
CIElCh	89, 22.124, 76.664
Yxy	73.4739, 0.3605, 0.3667
Android (android.graphics.Color)	4294498998 (0xFFF8DAB6)
YUV	222.8660, -20.1469, 22.0425
Hunter-Lab	85.7169, 0.4124, 22.2001

Details

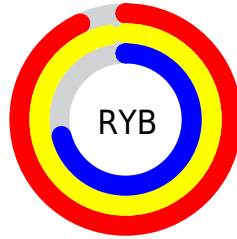
The YIQ color $222.8660, 29.4360, -4.8360$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $207.1340, -29.4360, 4.8360$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.0620, 5.4570, -5.2870$, and $167.4960, 27.6020, -4.6380$ is the 20% darker color. If you saturate the color by 10%, you get $213.5590, 40.4860, -6.8580$, and if you desaturate by 10%, it is $232.1730, 18.3860, -2.8140$.

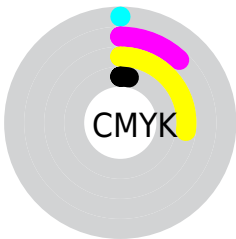
Distribution



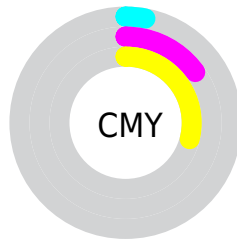
- Red (97%)
- Green (85%)
- Blue (71%)



- Red (93%)
- Yellow (97%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (3%)




- Cyan (3%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.8660, 29.4360, -4.8360 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 222.8660, 29.4360, -4.8360 by changing the saturation by 10% instead.

 222.8660, 29.4360,
-4.8360


 222.8660, 29.4360,
-4.8360


255.0000, -0.0000,
-0.0000


 194.6810, 28.5190,
-4.7370


 253.0620, 5.4570,
-5.2870

 167.4960, 27.6020,
-4.6380

 141.0120, 26.0890,
-4.7510

 115.4140, 24.8970,
-5.1750

 90.3430, 23.6590,
-4.7650

 66.8590, 22.1460,
-4.8780

 44.3750, 20.6330,

-4.9910

■ 24.2760, 16.5980,
-3.4500

■ 0.0000, 0.0000,
0.0000

■ 222.8660, 29.4360,
-4.8360

■ 222.8660, 29.4360,
-4.8360

■ 213.5590, 40.4860,
-6.8580

■ 232.1730, 18.3860,
-2.8140

■ 203.6650, 51.8110,
-8.3570

■ 242.0670, 7.0610,
-1.3150

■ 194.4720, 62.5400,
-10.0680

■ 251.1460, -3.3470,
0.0850

■ 185.1650, 73.5900,
-12.0900

■ 252.9070, -4.1720,
-1.4840

■ 175.8580, 84.6400,
-14.1120

■ 165.9640, 95.9650,
-15.6110

■ 156.6570,
107.0150, -17.6330

■ 153.3970,
110.6830, -18.0290

Harmonies

Analogous

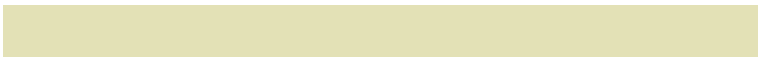
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.6910, 31.7270, 3.2070



222.8660, 29.4360, -4.8360



220.6960, 14.9950, -12.9490

Triad

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



222.8660, 29.4360, -4.8360



214.5540, -40.2070, -14.7270



225.8180, 4.1690, 18.0650

Complementary

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



222.8660, 29.4360, -4.8360



207.1340, -29.4360, 4.8360

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.



222.1960, -14.8110, 9.6130



222.8660, 29.4360, -4.8360



215.4430, -43.9680, -7.1360

Square

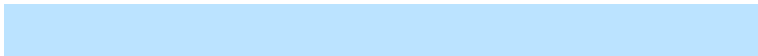
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.8660, 29.4360, -4.8360



215.3460, -25.1220, -18.2900



218.2320, -32.8280, 0.2280



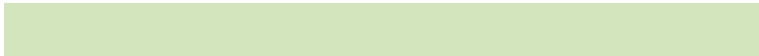
225.4900, 19.7120, 17.2160

Rectangle

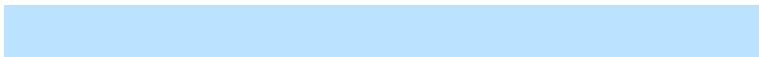
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.8660, 29.4360, -4.8360



218.9440, 2.4330, -16.5670



218.2320, -32.8280, 0.2280



225.2300, -2.9830, 15.5210

Sweetspot

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



222.8660, 29.4360, -4.8360



247.4370, 8.8950, -1.5130



205.2680, 29.3850, 23.6330



122.9960, 5.8230, -0.9050



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.



222.8660, 29.4360, -4.8360



223.9330, 36.4970, -6.1510



239.8780, 19.9940, -20.9500



119.9960, 5.8230, -0.9050



116.9720, 84.3190, -13.8010



37.6100, 27.2810, -4.3270

Inverse Universe

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



207.1340, -29.4360, 4.8360



204.6540, -36.7720, 5.6280



190.1220, -19.9940, 20.9500



117.0040, -5.8230, 0.9050



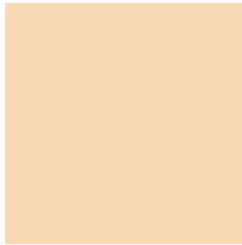
72.0280, -84.3190, 13.8010



23.3900, -27.2810, 4.3270

Previews

White Background



This preview shows how the YIQ color 222.8660, 29.4360, -4.8360 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 222.8660, 29.4360, -4.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

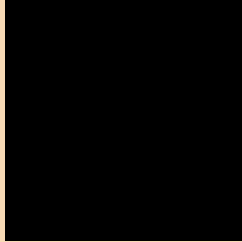
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.8660, 29.4360, -4.8360

Background



This preview shows how black text looks on a background with the YIQ color 222.8660, 29.4360, -4.8360.



This preview shows how white text looks on a background with the YIQ color 222.8660, 29.4360,

-4.8360.

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

222.8660, 29.4360, -4.8360

Protanopia

221.5550, 19.9460, -9.0620

Deuteranopia

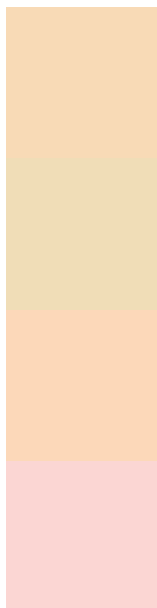
223.7680, 32.8280, -0.2280



Tritanopia

226.0830, 19.3000, 13.6680

Trichromacy



Original Color

222.8660, 29.4360, -4.8360

Protanomaly

222.3490, 23.5220, -7.7900

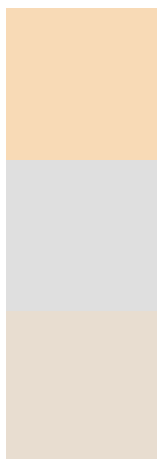
Deuteranomaly

223.2300, 31.4070, -2.0090

Tritanomaly

224.7210, 23.0150, 6.9110

Monochromacy



Original Color

222.8660, 29.4360, -4.8360

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.8070, 10.7290, -1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8660, 29.4360, -4.8360 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(248, 218, 182)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 182)  
}
```

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(248, 218, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 182) }
```

Border

The CSS property to change the border of an element to YIQ 222.8660, 29.4360, -4.8360 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(248, 218, 182) }
```


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

```
.border{ border-color:rgb(248, 218, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 218, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 218, 182); box-shadow:4px 4px 4px 4px rgb(248, 218, 182) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8660, 29.4360, -4.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 182) }
```

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

```
.background{ background-color: rgb(248,  
218, 182) }
```

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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