

Converting Colors

YIQ(224.2480, 30.9960,
-11.0840)

Have a look what the booklet for
YIQ(224.2480, 30.9960, -11.0840)
contains.

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Color

**YIQ(224.2480, 30.9960,
-11.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DFAB
RGB	247, 223, 171
RGB Percent	97%, 87%, 67%
CMY	0.0313, 0.1255, 0.3292
CMYK	0.00, 0.10, 0.31, 0.03
HSL	41°, 83%, 82%
HSV	41°, 31%, 97%
XYZ	72.0996, 75.4871, 49.3193
YIQ	224.2480, 30.9960, -11.0840

Conversions

Conversions Part 2

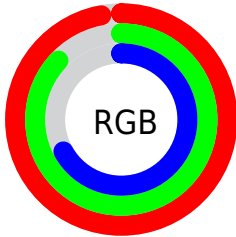
Format	Color
RYB	206, 247, 171
Decimal	16244651
CIELab	89.62, 0.74, 28.51
CIElCh	90, 28.517, 88.509
Yxy	75.4871, 0.3662, 0.3834
Android (android.graphics.Color)	4294434731 (0xFFF7DFAB)
YUV	224.2480, -26.2513, 19.9535
Hunter-Lab	86.8833, -3.9185, 27.1623

Details

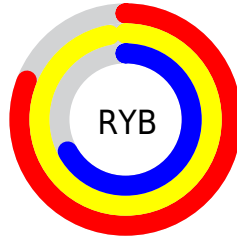
The YIQ color $224.2480, 30.9960, -11.0840$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $193.7520, -30.9960, 11.0840$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, 8.9880, -8.7080$, and $168.8780, 29.1620, -10.8860$ is the 20% darker color. If you saturate the color by 10%, you get $216.7020, 41.2210, -14.6750$, and if you desaturate by 10%, it is $231.7940, 20.7710, -7.4930$.

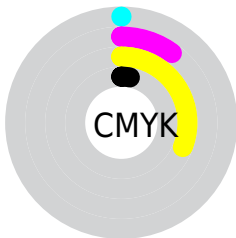
Distribution



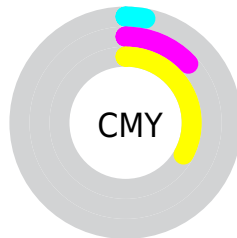
- Red (97%)
- Green (87%)
- Blue (67%)



- Red (81%)
- Yellow (97%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.2480, 30.9960, -11.0840 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 224.2480, 30.9960, -11.0840 by changing the saturation by 10% instead.

224.2480, 30.9960,
-11.0840

224.2480, 30.9960,
-11.0840

255.0000, -0.0000,
-0.0000

196.0630, 30.0790,
-10.9850

251.8080, 8.9880,
-8.7080

168.8780, 29.1620,
-10.8860

142.3940, 27.6490,
-10.9990

116.3230, 26.4110,
-10.5890

91.8390, 24.8980,
-10.7020

67.4690, 23.0640,
-10.5040

44.6430, 22.5140,

-11.5500

■ 26.0260, 14.3060,
-5.9660

■ 0.0000, 0.0000,
0.0000

■ 224.2480, 30.9960,
-11.0840

■ 224.2480, 30.9960,
-11.0840

■ 216.7020, 41.2210,
-14.6750

■ 231.7940, 20.7710,
-7.4930

■ 209.2700, 51.1250,
-17.9550

■ 239.2260, 10.8670,
-4.2130

■ 202.3110, 61.0750,
-22.0690

■ 246.1850, 0.9170,
-0.0990

■ 194.7650, 71.3000,
-25.6600

■ 252.0210, -4.4930,
-1.1730

■ 187.3330, 81.2040,
-28.9400

■ 252.6080, -4.7680,
-1.6960

■ 179.7870, 91.4290,
-32.5310

■ 173.0560,
100.7370, -36.0230

Harmonies

Analogous

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



222.3830, 35.3500, -1.8820



224.2480, 30.9960, -11.0840



221.5440, 9.3110, -20.0730

Triad

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



224.2480, 30.9960, -11.0840



213.3330, -58.6380, -16.6060



228.4710, 12.6960, 23.2240

Complementary

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



224.2480, 30.9960, -11.0840



193.7520, -30.9960, 11.0840

Split Complementary

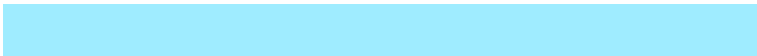
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.7950, -6.1920, 13.1040



224.2480, 30.9960, -11.0840



215.1430, -51.9910, -10.4150

Square

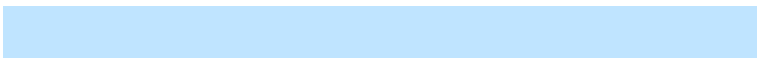
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.2480, 30.9960, -11.0840



214.7290, -42.4980, -22.7700



220.0150, -30.7190, 0.5530



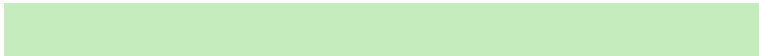
223.1590, 22.1420, 17.2300

Rectangle

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



224.2480, 30.9960, -11.0840



218.9810, -8.1570, -22.8850



220.0150, -30.7190, 0.5530



228.8510, 8.5700, 20.9060

Sweetspot

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



224.2480, 30.9960, -11.0840



248.2690, 9.3080, -3.4920



196.4600, 37.5920, 23.5760



123.3550, 6.1900, -2.0500



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.



224.2480, 30.9960, -11.0840



226.6740, 38.4240, -13.5440



234.1500, 16.0520, -26.6040



118.8710, 4.6770, -2.1630



130.1630, 75.9310, -26.9890



41.1210, 24.1640, -8.4120

Inverse Universe

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



193.7520, -30.9960, 11.0840



188.7390, -38.1490, 14.0670



183.8500, -16.0520, 26.6040



113.7160, -4.9520, 1.6400



55.8370, -75.9310, 26.9890



17.8790, -24.1640, 8.4120

Previews

White Background



This preview shows how the YIQ color 224.2480, 30.9960, -11.0840 looks on a white background.

Color Contrast Check

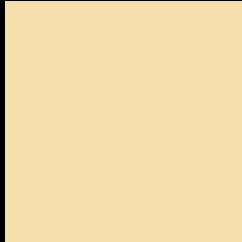
Large Text (above 18pt) WCAG AA × Fail

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 224.2480, 30.9960, -11.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

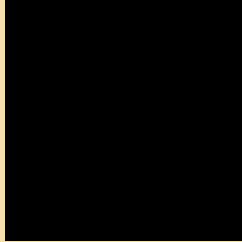
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.2480, 30.9960, -11.0840

Background



This preview shows how black text looks on a background with the YIQ color 224.2480, 30.9960, -11.0840.



This preview shows how white text looks on a background with the YIQ color 224.2480, 30.9960,

-11.0840.

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

224.2480, 30.9960, -11.0840

Protanopia

223.7420, 26.5490, -13.0910

Deuteranopia

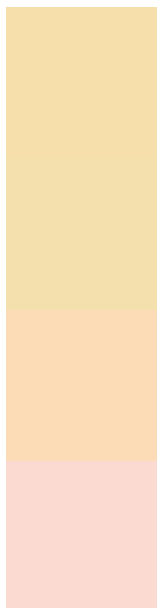
226.2300, 31.4070, -2.0090



Tritanopia

228.5990, 17.7870, 13.5550

Trichromacy



Original Color

224.2480, 30.9960, -11.0840

Protanomaly

223.7530, 28.0160, -12.1440

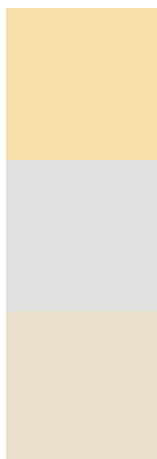
Deuteranomaly

225.2360, 31.2700, -5.0340

Tritanomaly

226.9550, 22.2360, 4.5080

Monochromacy



Original Color

224.2480, 30.9960, -11.0840

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2260, 10.8670, -4.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.2480, 30.9960, -11.0840 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(247, 223, 171)` looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 171)  
}
```

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(247, 223, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 171) }
```

Border

The CSS property to change the border of an element to YIQ 224.2480, 30.9960, -11.0840 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(247, 223, 171) }
```


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

```
.border{ border-color:rgb(247, 223, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 223, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 223, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 223, 171); box-shadow:4px 4px 4px 4px rgb(247, 223, 171) }
```

Background

The CSS property to change the background color of an element to YIQ 224.2480, 30.9960, -11.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 223, 171) }
```

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

```
.background{ background-color: rgb(247,  
223, 171) }
```

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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