

Converting Colors

YIQ(227.7820, 21.0450, -1.4430)

Have a look what the booklet for
YIQ(227.7820, 21.0450, -1.4430)
contains.

YIQ(227.7820, 21.0450, -1.4430)	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(227.7820, 21.0450,
-1.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DFCA
RGB	247, 223, 202
RGB Percent	97%, 87%, 79%
CMY	0.0313, 0.1255, 0.2077
CMYK	0.00, 0.10, 0.18, 0.03
HSL	28°, 74%, 88%
HSV	28°, 18%, 97%
XYZ	75.4104, 76.8116, 66.7445
YIQ	227.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

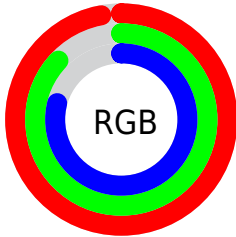
Format	Color
R _Y B	247, 241, 202
Decimal	16244682
CIE Lab	90.23, 4.97, 13.27
CIE LCh	90, 14.168, 69.464
Yxy	76.8116, 0.3444, 0.3508
Android (android.graphics.Color)	4294434762 (0xFFFF7DFCA)
YUV	227.7820, -12.7105, 16.8542
Hunter-Lab	87.6422, 0.2136, 16.1969

Details

The YIQ color $227.7820, 21.0450, -1.4430$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $221.2180, -21.0450, 1.4430$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.2980, 19.5320, -1.5560$ is the 20% darker color. If you saturate the color by 10%, you get $217.3010, 32.6450, -2.4190$, and if you desaturate by 10%, it is $238.2630, 9.4450, -0.4670$.

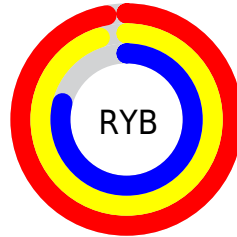
Distribution



Red (97%)

Green (87%)

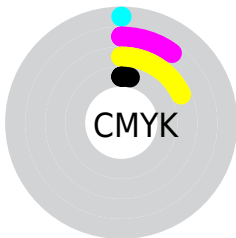
Blue (79%)



Red (97%)

Yellow (95%)

Blue (79%)

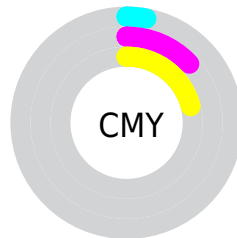


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.7820, 21.0450, -1.4430 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 227.7820, 21.0450, -1.4430 by changing the saturation by 10% instead.

227.7820, 21.0450,
-1.4430

227.7820, 21.0450,
-1.4430

255.0000, -0.0000,
-0.0000

199.5970, 20.1280,
-1.3440

172.2980, 19.5320,
-1.5560

145.4120, 19.2110,
-1.2450

119.8140, 18.0190,
-1.6690

94.9280, 17.6980,
-1.3580

71.4440, 16.1850,
-1.4710

48.9600, 14.6720,

-1.5840

■ 27.2050, 15.3600,
-3.0400

■ 4.1860, 8.3440,
2.9680

■ 227.7820, 21.0450,
-1.4430

■ 227.7820, 21.0450,
-1.4430

■ 217.3010, 32.6450,
-2.4190

■ 238.2630, 9.4450,
-0.4670

■ 206.9340, 43.9240,
-3.0840

■ 248.6300, -1.8340,
0.1980

■ 195.8660, 55.7990,
-3.5370

■ 252.6080, -4.7680,
-1.6960

■ 185.3850, 67.3990,
-4.5130

■ 175.0180, 78.6780,
-5.1780

■ 164.5370, 90.2780,
-6.1540

■ 154.0560,
101.8780, -7.1300

■ 142.9880,
113.7530, -7.5830

■ 141.3580,
115.5870, -7.7810

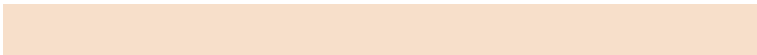
Harmonies

Analogous

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



228.7380, 24.3450, 4.8330



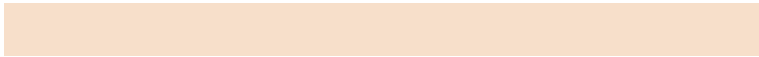
227.7820, 21.0450, -1.4430



226.0150, 12.8390, -6.9130

Triad

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



227.7820, 21.0450, -1.4430



222.2850, -23.1520, -9.9360



228.8510, -0.5980, 10.8420

Complementary

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



227.7820, 21.0450, -1.4430



221.2180, -21.0450, 1.4430

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.



227.3870, -14.0310, 6.4890



227.7820, 21.0450, -1.4430



223.1800, -27.0500, -5.3700

Square

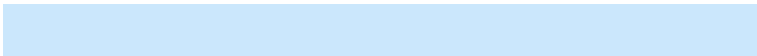
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.7820, 21.0450, -1.4430



223.0920, -12.4230, -11.6470



225.0220, -23.4290, 0.5950



230.0220, 12.1020, 11.9580

Rectangle

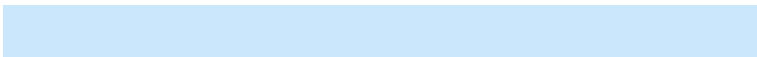
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.7820, 21.0450, -1.4430



224.8290, 4.4950, -9.8810



225.0220, -23.4290, 0.5950



228.8720, -5.0910, 9.6690

Sweetspot

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



227.7820, 21.0450, -1.4430



249.4090, 6.0980, -0.3820



218.3050, 18.7950, 17.3150



124.1530, 3.9430, 0.1270



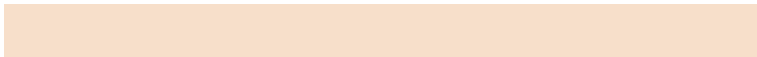
0.0000, 0.0000, 0.0000



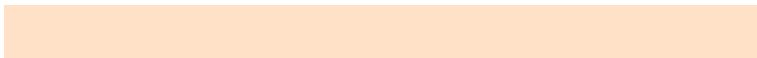
128.0000, -0.0000, -0.0000

Same Dimension

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



227.7820, 21.0450, -1.4430



231.0060, 26.2260, -1.7260



240.6960, 14.9950, -12.9490



117.1100, 5.5020, -0.5940



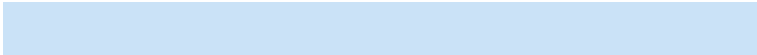
106.6830, 86.9310, -6.0690



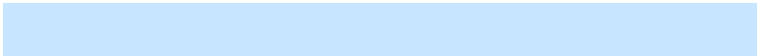
33.4900, 27.7390, -1.6130

Inverse Universe

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



221.2180, -21.0450, 1.4430



222.9940, -26.2260, 1.7260



208.3040, -14.9950, 12.9490



115.4770, -5.7770, 0.0710



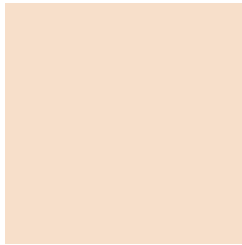
79.3170, -86.9310, 6.0690



24.9230, -27.4640, 2.1360

Previews

White Background



This preview shows how the YIQ color 227.7820, 21.0450, -1.4430 looks on a white background.

Color Contrast Check

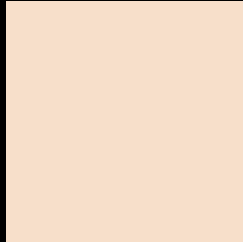
Large Text (above 18pt) WCAG AA × Fail

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 227.7820, 21.0450, -1.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

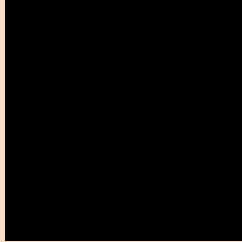
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.7820, 21.0450, -1.4430

Background



This preview shows how black text looks on a background with the YIQ color 227.7820, 21.0450, -1.4430.



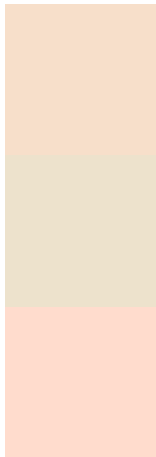
This preview shows how white text looks on a background with the YIQ color 227.7820, 21.0450,

-1.4430.

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

227.7820, 21.0450, -1.4430

Protanopia

226.7810, 13.6180, -4.5100

Deuteranopia

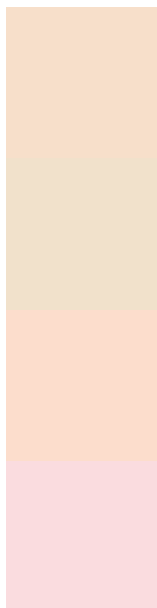
228.7550, 25.6750, 2.7550



Tritanopia

229.8050, 14.2110, 12.2830

Trichromacy



Original Color

227.7820, 21.0450, -1.4430

Protanomaly

227.2760, 16.5980, -3.4500

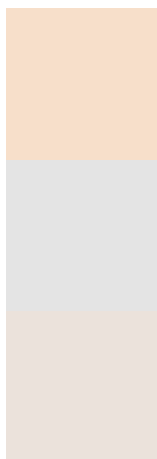
Deuteranomaly

228.3310, 23.9330, 1.2850

Tritanomaly

229.3120, 16.9170, 7.2930

Monochromacy



Original Color

227.7820, 21.0450, -1.4430

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8930, 7.6110, -0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.7820, 21.0450, -1.4430 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 202) }
```

Border

The CSS property to change the border of an element to YIQ 227.7820, 21.0450, -1.4430 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, 202) }
```


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

```
.border{ border-color:rgb(247, 223, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 223, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 223, 202);  
box-shadow:4px 4px 4px 4px rgb(247, 223,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 227.7820, 21.0450, -1.4430 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, 202) }
```

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

```
.background{ background-color: rgb(247,  
223, 202) }
```

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