

Converting Colors

YIQ(230.4820, 22.1900, 5.3420)

Have a look what the booklet for
YIQ(230.4820, 22.1900, 5.3420)
contains.

YIQ(230.4820, 22.1900, 5.3420)	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(230.4820, 22.1900,
5.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD7
RGB	255, 221, 215
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1334, 0.1568
CMYK	0.00, 0.13, 0.16, 0.00
HSL	9°, 100%, 92%
HSV	9°, 16%, 100%
XYZ	79.3615, 77.8729, 75.1541
YIQ	230.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

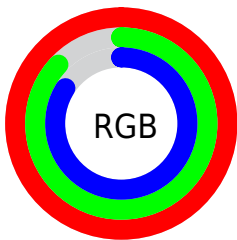
Format	Color
R _Y B	255, 222, 215
Decimal	16768471
CIE Lab	90.72, 10.82, 7.25
CIE LCh	91, 13.024, 33.839
Yxy	77.8729, 0.3415, 0.3351
Android (android.graphics.Color)	4294958551 (0xFFFFDDD7)
YUV	230.4820, -7.6326, 21.5023
Hunter-Lab	88.2456, 6.0997, 11.2778

Details

The YIQ color $230.4820, 22.1900, 5.3420$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $239.5180, -22.1900, -5.3420$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.8840, 20.9980, 4.9180$ is the 20% darker color. If you saturate the color by 10%, you get $214.7180, 36.2650, 9.0730$, and if you desaturate by 10%, it is $246.3600, 7.7940, 1.9220$.

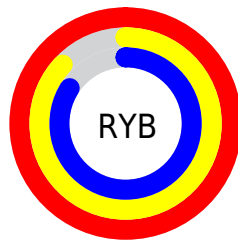
Distribution



Red (100%)

Green (87%)

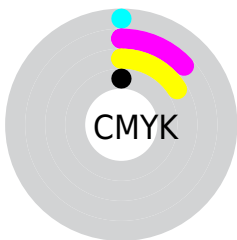
Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)

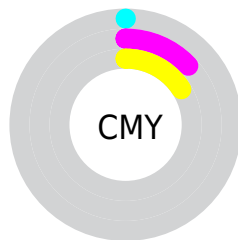


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.4820, 22.1900, 5.3420 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 230.4820, 22.1900, 5.3420 by changing the saturation by 10% instead.

230.4820, 22.1900,
5.3420

230.4820, 22.1900,
5.3420

255.0000, -0.0000,
-0.0000

202.1830, 21.5940,
5.1300

174.8840, 20.9980,
4.9180

148.2860, 19.8060,
4.4940

122.4000, 19.4850,
4.8050

97.2150, 18.5680,
4.9040

73.5030, 17.6970,
4.1690

50.7200, 15.5880,

3.8440

■ 29.1220, 14.3960,
3.4200

■ 7.4750, 14.9000,
5.3000

■ 230.4820, 22.1900,
5.3420

■ 230.4820, 22.1900,
5.3420

■ 214.7180, 36.2650,
9.0730

■ 246.3600, 7.7940,
1.9220

■ 199.4270, 50.3860,
11.9700

255.0000, -0.0000,
-0.0000

■ 183.6630, 64.4610,
15.7010

■ 167.7850, 78.8570,
19.1210

■ 152.6080, 92.6570,
22.3290

■ 136.7300,
107.0530, 25.7490

■ 120.9660,
121.1280, 29.4800

■ 105.0880,
135.5240, 32.9000

■ 98.5510, 141.5300,
34.1860

Harmonies

Analogous

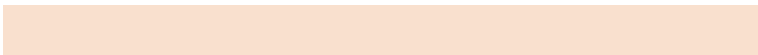
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.9640, 18.0170, 9.3850



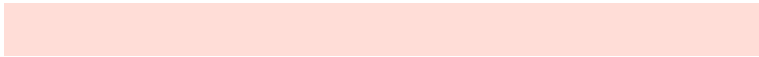
230.4820, 22.1900, 5.3420



229.4230, 20.6780, -0.2980

Triad

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



230.4820, 22.1900, 5.3420



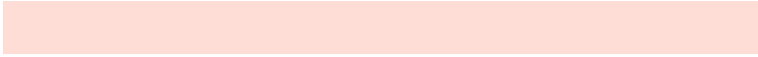
225.1740, -9.7180, -11.1100



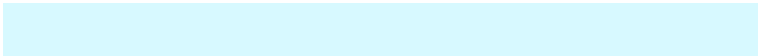
228.1480, -14.8560, 4.9200

Complementary

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



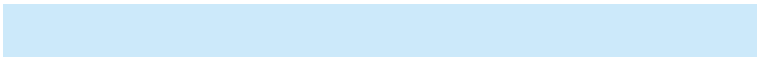
230.4820, 22.1900, 5.3420



239.5180, -22.1900, -5.3420

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.



226.2670, -22.7410, -0.8610



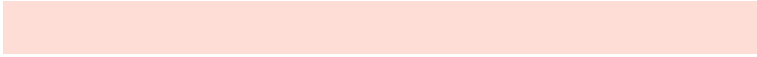
230.4820, 22.1900, 5.3420



224.5520, -19.5300, -9.4980

Square

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



230.4820, 22.1900, 5.3420



226.5730, 2.3400, -9.3720



224.4360, -24.8950, -5.8790



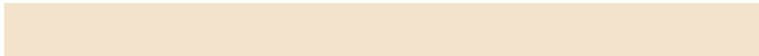
230.1280, -2.9360, 9.1600

Rectangle

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



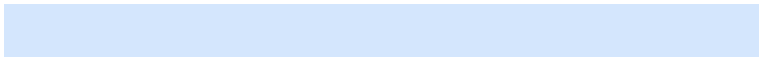
230.4820, 22.1900, 5.3420



228.8630, 16.3230, -3.9730



224.4360, -24.8950, -5.8790



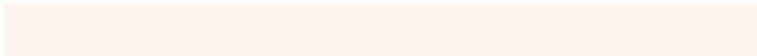
227.2400, -18.1110, 3.3370

Sweetspot

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



230.4820, 22.1900, 5.3420



247.0610, 7.1980, 1.7100



230.9500, 12.6050, 19.3650



122.9790, 4.4930, 1.1730



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

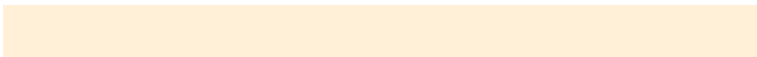
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4820, 22.1900, 5.3420



225.4610, 26.6830, 6.5150



241.6350, 16.9650, -4.5950



120.0610, 7.1980, 1.7100



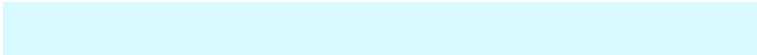
74.1320, 105.8610, 25.3250



25.0060, 35.3940, 8.3380

Inverse Universe

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



239.5180, -22.1900, -5.3420



236.5390, -26.6830, -6.5150



228.3650, -16.9650, 4.5950



122.9390, -7.1980, -1.7100



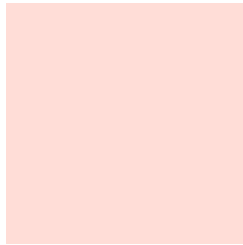
117.4550, -106.1360, -25.8480



38.9940, -35.3940, -8.3380

Previews

White Background



This preview shows how the YIQ color 230.4820, 22.1900, 5.3420 looks on a white background.

Color Contrast Check

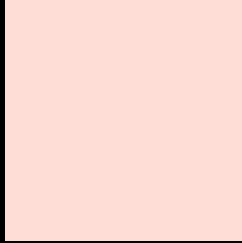
Large Text (above 18pt) WCAG AA × Fail

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 230.4820, 22.1900, 5.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

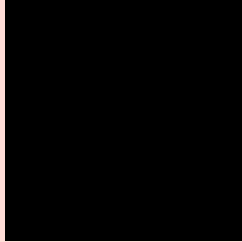
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.4820, 22.1900, 5.3420

Background



This preview shows how black text looks on a background with the YIQ color 230.4820, 22.1900, 5.3420.

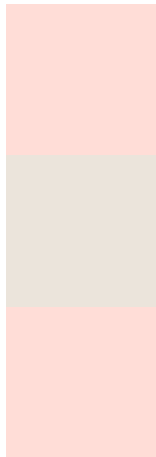


This preview shows how white text looks on a background with the YIQ color 230.4820, 22.1900,

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

230.4820, 22.1900, 5.3420

Protanopia

229.0670, 7.0610, -1.3150

Deuteranopia

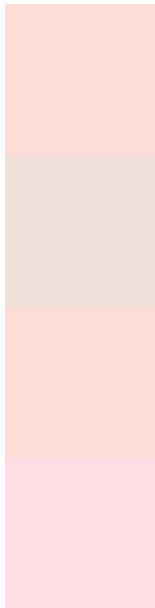
230.4820, 22.1900, 5.3420



Tritanopia

231.4740, 16.6410, 12.2970

Trichromacy



Original Color

230.4820, 22.1900, 5.3420

Protanomaly

229.2850, 12.3790, 1.4270

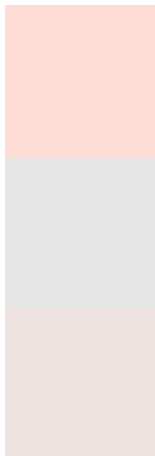
Deuteranomaly

230.4820, 22.1900, 5.3420

Tritanomaly

231.2630, 18.6130, 9.5970

Monochromacy



Original Color

230.4820, 22.1900, 5.3420

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.3600, 7.7940, 1.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.4820, 22.1900, 5.3420 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, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 215)  
}
```

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, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 215) }
```

Border

The CSS property to change the border of an element to YIQ 230.4820, 22.1900, 5.3420 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, 221, 215) }
```


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

```
.border{ border-color:rgb(255, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 230.4820, 22.1900, 5.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 215) }
```

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

```
.background{ background-color: rgb(255,  
221, 215) }
```

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