

Converting Colors

YIQ(222.5830, 31.9110, -0.1290)

Have a look what the booklet for
YIQ(222.5830, 31.9110, -0.1290)
contains.

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Color

**YIQ(222.5830, 31.9110,
-0.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD6BB
RGB	253, 214, 187
RGB Percent	99%, 84%, 73%
CMY	0.0078, 0.1608, 0.2665
CMYK	0.00, 0.15, 0.26, 0.01
HSL	25°, 94%, 86%
HSV	25°, 26%, 99%
XYZ	73.5311, 72.5606, 57.1649
YIQ	222.5830, 31.9110, -0.1290

Conversions

Conversions Part 2

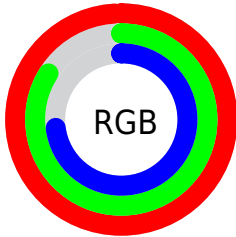
Format	Color
R _Y B	253, 233, 187
Decimal	16635579
CIE Lab	88.24, 9.70, 18.38
CIE LCh	88, 20.780, 62.169
Yxy	72.5606, 0.3618, 0.3570
Android (android.graphics.Color)	4294825659 (0xFFFDD6BB)
YUV	222.5830, -17.5424, 26.6757
Hunter-Lab	85.1825, 5.0153, 19.8390

Details

The YIQ color $222.5830, 31.9110, -0.1290$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $217.4170, -31.9110, 0.1290$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $167.2130, 30.0770, 0.0690$ is the 20% darker color. If you saturate the color by 10%, you get $210.9280, 44.0610, -0.0590$, and if you desaturate by 10%, it is $234.2380, 19.7610, -0.1990$.

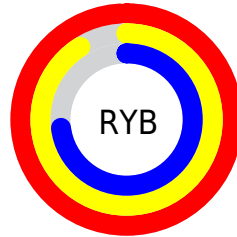
Distribution



Red (99%)

Green (84%)

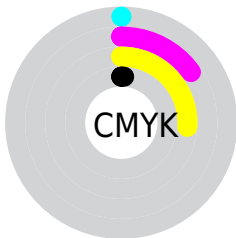
Blue (73%)



Red (99%)

Yellow (91%)

Blue (73%)

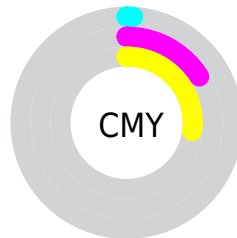


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (1%)



Cyan (1%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.5830, 31.9110, -0.1290 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 222.5830, 31.9110, -0.1290 by changing the saturation by 10% instead.


 222.5830, 31.9110,
-0.1290


 222.5830, 31.9110,
-0.1290


255.0000, -0.0000,
-0.0000


 194.3980, 30.9940,
-0.0300


 253.6320, 3.8520,
-3.7320

 167.2130, 30.0770,
0.0690

 140.6150, 28.8850,
-0.3550

 115.1310, 27.3720,
-0.4680

 90.3480, 25.2630,
-0.7930

 66.2770, 24.0250,
-0.3830

 44.0810, 21.6410,

-1.2310

■ 22.8250, 19.4860,
-0.7220

■ 1.4950, 2.9800,
1.0600

■ 222.5830, 31.9110,
-0.1290

■ 222.5830, 31.9110,
-0.1290

■ 210.9280, 44.0610,
-0.0590

■ 234.2380, 19.7610,
-0.1990

■ 199.1590, 56.5320,
-0.3000

■ 246.0070, 7.2900,
0.0420

■ 187.5040, 68.6820,
-0.2300

■ 254.4020, -1.1920,
-0.4240

■ 175.8490, 80.8320,
-0.1600

■ 164.1940, 92.9820,
-0.0900

■ 152.4250,
105.4530, -0.3310

■ 140.7700,
117.6030, -0.2610

■ 136.1080,
122.4630, -0.2330

Harmonies

Analogous

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



221.8420, 29.9840, 7.2640



222.5830, 31.9110, -0.1290



220.4520, 21.7340, -8.4260

Triad

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



222.5830, 31.9110, -0.1290



214.1050, -31.6330, -15.9290



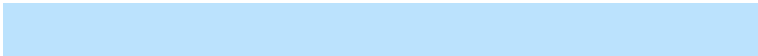
223.7350, -5.9630, 14.4610

Complementary

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



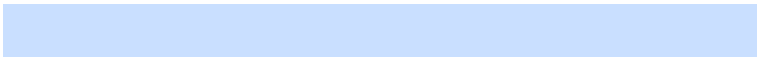
222.5830, 31.9110, -0.1290



217.4170, -31.9110, 0.1290

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.



220.0700, -23.3840, 5.2880



222.5830, 31.9110, -0.1290



214.3030, -40.7580, -10.2460

Square

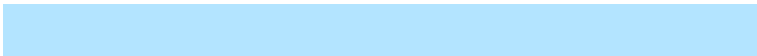
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.5830, 31.9110, -0.1290



215.7340, -14.5310, -17.4990



216.4270, -37.8710, -1.9910



225.0810, 13.6140, 17.5980

Rectangle

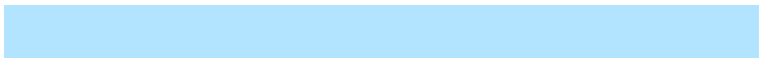
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.5830, 31.9110, -0.1290



219.2440, 10.4560, -13.2880



216.4270, -37.8710, -1.9910



222.2180, -11.8770, 11.5070

Sweetspot

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



222.5830, 31.9110, -0.1290



245.6760, 9.7200, 0.0560



211.2940, 26.4960, 26.4320



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.



222.5830, 31.9110, -0.1290



218.4050, 38.2840, 0.0120



241.3670, 23.1110, -16.8650



121.8220, 6.3730, 0.1410



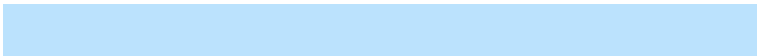
102.8950, 92.3860, -0.3020



34.3980, 30.9940, -0.0300

Inverse Universe

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



217.4170, -31.9110, 0.1290



212.5950, -38.2840, -0.0120



198.6330, -23.1110, 16.8650



120.5910, -6.0980, 0.3820



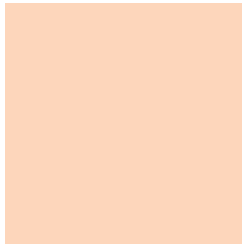
88.1050, -92.3860, 0.3020



29.6020, -30.9940, 0.0300

Previews

White Background



This preview shows how the YIQ color 222.5830, 31.9110, -0.1290 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 222.5830, 31.9110, -0.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

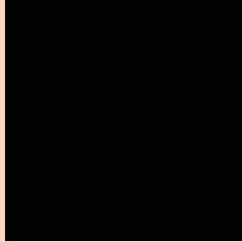
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.5830, 31.9110, -0.1290

Background



This preview shows how black text looks on a background with the YIQ color 222.5830, 31.9110, -0.1290.



This preview shows how white text looks on a background with the YIQ color 222.5830, 31.9110,

-0.1290.

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

222.5830, 31.9110, -0.1290

Protanopia

221.1680, 16.7820, -6.7860

Deuteranopia

222.5940, 33.3780, 0.8180



Tritanopia

225.1650, 22.0050, 14.2050

Trichromacy



Original Color

222.5830, 31.9110, -0.1290

Protanomaly

221.3860, 22.1000, -4.0440

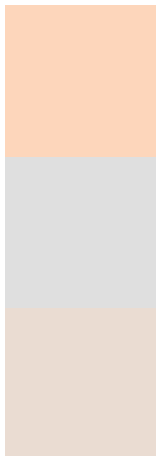
Deuteranomaly

222.2950, 32.7820, 0.6060

Tritanomaly

223.8570, 25.6280, 9.1160

Monochromacy



Original Color

222.5830, 31.9110, -0.1290

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.0460, 11.5540, -0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.5830, 31.9110, -0.1290 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(253, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(253, 214, 187)  
}
```

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(253, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 214, 187) }
```

Border

The CSS property to change the border of an element to YIQ 222.5830, 31.9110, -0.1290 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(253, 214, 187) }
```


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

```
.border{ border-color:rgb(253, 214, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 214, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(253, 214,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 222.5830, 31.9110, -0.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 214, 187) }
```

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

```
.background{ background-color: rgb(253,  
214, 187) }
```

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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