

Converting Colors

YIQ(222.8650, 31.1770, 2.1610)

Have a look what the booklet for
YIQ(222.8650, 31.1770, 2.1610)
contains.

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Color

**YIQ(222.8650, 31.1770,
2.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	FED5C0
RGB	254, 213, 192
RGB Percent	100%, 84%, 75%
CMY	0.0038, 0.1647, 0.2469
CMYK	0.00, 0.16, 0.24, 0.00
HSL	20°, 97%, 87%
HSV	20°, 24%, 100%
XYZ	74.1892, 72.4621, 59.9663
YIQ	222.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

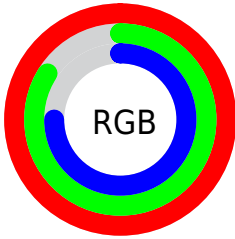
Format	Color
R _Y B	254, 224, 192
Decimal	16700864
CIE Lab	88.19, 11.27, 15.70
CIE LCh	88, 19.327, 54.330
Yxy	72.4621, 0.3591, 0.3507
Android (android.graphics.Color)	4294890944 (0xFFFE5C0)
YUV	222.8650, -15.2164, 27.3054
Hunter-Lab	85.1246, 6.6011, 17.8202

Details

The YIQ color $222.8650, 31.1770, 2.1610$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.1350, -31.1770, -2.1610$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.2020, 2.2470, -2.1770$, and $167.3810, 29.6640, 2.0480$ is the 20% darker color. If you saturate the color by 10%, you get $210.0360, 43.8770, 3.2770$, and if you desaturate by 10%, it is $235.6940, 18.4770, 1.0450$.

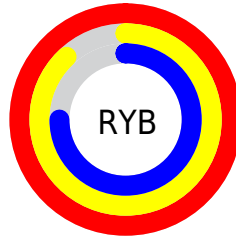
Distribution



Red (100%)

Green (84%)

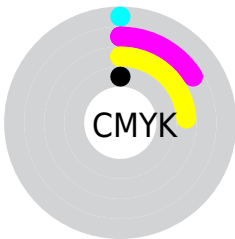
Blue (75%)



Red (100%)

Yellow (88%)

Blue (75%)

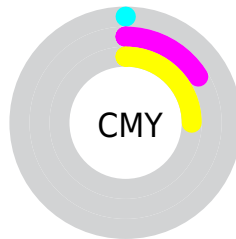


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.8650, 31.1770, 2.1610 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 222.8650, 31.1770, 2.1610 by changing the saturation by 10% instead.


 222.8650, 31.1770,
2.1610


 222.8650, 31.1770,
2.1610


255.0000, -0.0000,
-0.0000


 194.6800, 30.2600,
2.2600


 254.2020, 2.2470,
-2.1770

 167.4950, 29.3430,
2.3590

 140.8970, 28.1510,
1.9350

 115.4130, 26.6380,
1.8220

 90.8150, 25.4460,
1.3980

 67.0320, 23.3370,
1.0730

 44.2490, 21.2280,

0.7480

■ 22.8360, 20.9530,
0.2250

■ 2.6910, 5.3640,
1.9080

■ 222.8650, 31.1770,
2.1610

■ 222.8650, 31.1770,
2.1610

■ 210.0360, 43.8770,
3.2770

■ 235.6940, 18.4770,
1.0450

■ 197.0930, 56.8980,
4.0820

■ 248.6370, 5.4560,
0.2400

■ 184.8510, 69.3230,
4.6750

254.7010, -0.5960,
-0.2120

■ 171.9080, 82.3440,
5.4800

■ 159.0790, 95.0440,
6.5960

■ 146.2500,
107.7440, 7.7120

■ 133.3070,
120.7650, 8.5170

■ 126.4280,
127.7340, 8.8700

Harmonies

Analogous

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



222.5260, 28.0580, 9.1300



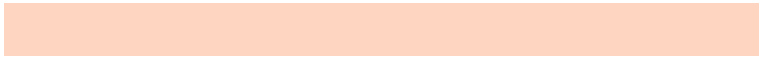
222.8650, 31.1770, 2.1610



221.1040, 22.8340, -6.3340

Triad

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



222.8650, 31.1770, 2.1610



215.0410, -25.5810, -15.4770



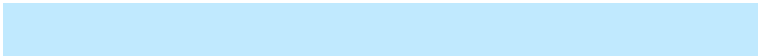
222.8160, -10.6850, 11.9310

Complementary

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



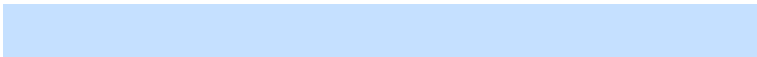
222.8650, 31.1770, 2.1610



223.1350, -31.1770, -2.1610

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.



219.4610, -26.0430, 3.9170



222.8650, 31.1770, 2.1610



214.8150, -36.4480, -11.2640

Square

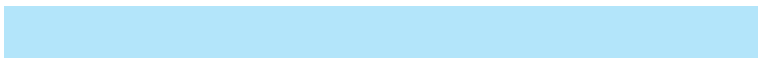
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.8650, 31.1770, 2.1610



216.6100, -8.2500, -15.6900



216.4440, -36.5410, -4.0690



224.5040, 7.9290, 16.0010

Rectangle

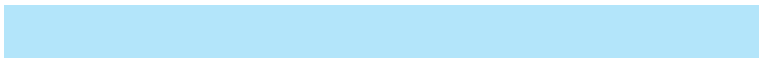
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.8650, 31.1770, 2.1610



219.9780, 14.2610, -10.6590



216.4440, -36.5410, -4.0690



221.5980, -16.0030, 9.1890

Sweetspot

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



222.8650, 31.1770, 2.1610



245.9040, 9.0780, 0.6780



215.2120, 23.7910, 25.8950



122.6370, 5.4560, 0.2400



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.



222.8650, 31.1770, 2.1610



217.8010, 37.2290, 2.6130



241.0620, 22.6520, -14.0520



121.2350, 6.6480, 0.6640



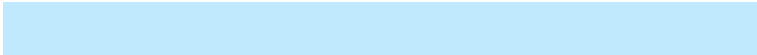
95.2640, 95.9610, 6.4970



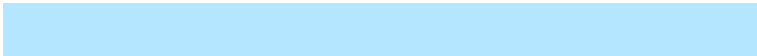
32.0500, 32.0940, 2.0620

Inverse Universe

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



223.1350, -31.1770, -2.1610



218.1990, -37.2290, -2.6130



204.9380, -22.6520, 14.0520



121.1780, -6.3730, -0.1410



96.3230, -96.2360, -7.0200



31.9500, -32.0940, -2.0620

Previews

White Background



This preview shows how the YIQ color 222.8650, 31.1770, 2.1610 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 222.8650, 31.1770, 2.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

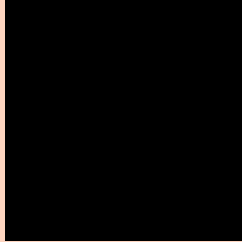
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.8650, 31.1770, 2.1610

Background



This preview shows how black text looks on a background with the YIQ color 222.8650, 31.1770, 2.1610.



This preview shows how white text looks on a background with the YIQ color 222.8650, 31.1770,

2.1610.

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

222.8650, 31.1770, 2.1610

Protanopia

221.1400, 13.9850, -5.6550

Deuteranopia

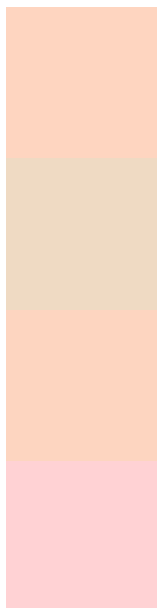
222.5660, 30.5810, 1.9490



Tritanopia

224.4640, 22.6010, 14.4170

Trichromacy



Original Color

222.8650, 31.1770, 2.1610

Protanomaly

221.6570, 19.8990, -2.7010

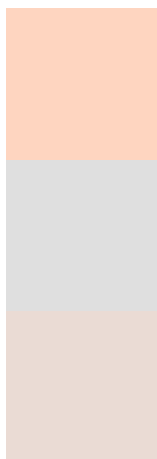
Deuteranomaly

222.5660, 30.5810, 1.9490

Tritanomaly

223.6830, 26.1780, 10.1620

Monochromacy



Original Color

222.8650, 31.1770, 2.1610

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.6870, 11.1870, 1.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8650, 31.1770, 2.1610 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(254, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 192)  
}
```

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(254, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 192) }
```

Border

The CSS property to change the border of an element to YIQ 222.8650, 31.1770, 2.1610 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(254, 213, 192) }
```


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

```
.border{ border-color:rgb(254, 213, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 213, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8650, 31.1770, 2.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 192) }
```

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

```
.background{ background-color: rgb(254,  
213, 192) }
```

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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