

Converting Colors

YIQ(219.8650, 31.1770, 2.1610)

Have a look what the booklet for
YIQ(219.8650, 31.1770, 2.1610)
contains.

YIQ(219.8650, 31.1770, 2.1610)	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(219.8650, 31.1770,
2.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD2BD
RGB	251, 210, 189
RGB Percent	98%, 82%, 74%
CMY	0.0156, 0.1765, 0.2587
CMYK	0.00, 0.16, 0.25, 0.02
HSL	20°, 89%, 86%
HSV	20°, 25%, 98%
XYZ	72.0229, 70.2736, 57.9326
YIQ	219.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

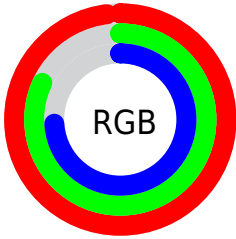
Format	Color
R _Y B	251, 221, 189
Decimal	16503485
CIE Lab	87.13, 11.31, 15.75
CIE LCh	87, 19.390, 54.310
Yxy	70.2736, 0.3597, 0.3510
Android (android.graphics.Color)	4294693565 (0xFFFB2BD)
YUV	219.8650, -15.2164, 27.3054
Hunter-Lab	83.8293, 6.6590, 17.7065

Details

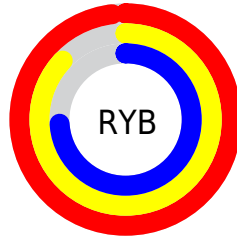
The YIQ color $219.8650, 31.1770, 2.1610$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.1350, -31.1770, -2.1610$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $165.0820, 29.0680, 1.8360$ is the 20% darker color. If you saturate the color by 10%, you get $207.0360, 43.8770, 3.2770$, and if you desaturate by 10%, it is $232.6940, 18.4770, 1.0450$.

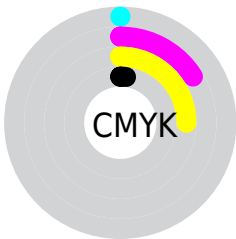
Distribution



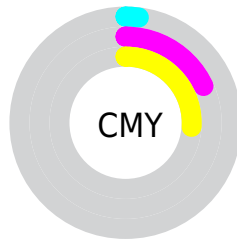
- Red (98%)
- Green (82%)
- Blue (74%)



- Red (98%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.8650, 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 219.8650, 31.1770, 2.1610 by changing the saturation by 10% instead.

 219.8650, 31.1770,
2.1610


 219.8650, 31.1770,
2.1610


255.0000, -0.0000,
-0.0000


 191.6800, 30.2600,
2.2600


 253.8600, 3.2100,
-3.1100

 164.4950, 29.3430,
2.3590

 137.8970, 28.1510,
1.9350

 112.4130, 26.6380,
1.8220

 87.9290, 25.1250,
1.7090

 64.1460, 23.0160,
1.3840

 41.6620, 21.5030,

1.2710

■ 20.7650, 19.7150,
0.6350

■ 0.0000, 0.0000,
0.0000

■ 219.8650, 31.1770,
2.1610

■ 219.8650, 31.1770,
2.1610

■ 207.0360, 43.8770,
3.2770

■ 232.6940, 18.4770,
1.0450

■ 194.7940, 56.3020,
3.8700

■ 244.9360, 6.0520,
0.4520

■ 181.9650, 69.0020,
4.9860

■ 253.8040, -2.3840,
-0.8480

■ 169.7230, 81.4270,
5.5790

■ 156.8940, 94.1270,
6.6950

■ 143.9510,
107.1480, 7.5000

■ 131.7090,
119.5730, 8.0930

■ 124.9440,
126.2210, 8.7570

Harmonies

Analogous

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



220.4230, 29.8460, 9.7660



219.8650, 31.1770, 2.1610



218.1040, 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.



219.8650, 31.1770, 2.1610



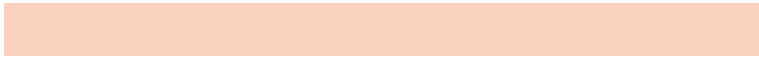
212.0410, -25.5810, -15.4770



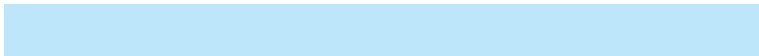
219.8160, -10.6850, 11.9310

Complementary

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



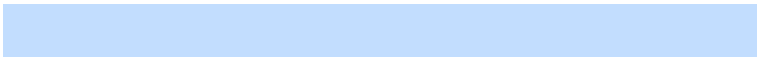
219.8650, 31.1770, 2.1610



220.1350, -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.



216.6890, -26.6850, 4.5390



219.8650, 31.1770, 2.1610



211.8150, -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.



219.8650, 31.1770, 2.1610



213.6100, -8.2500, -15.6900



213.1450, -37.1370, -4.2810



221.5040, 7.9290, 16.0010

Rectangle

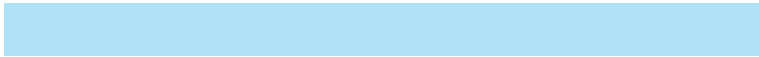
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.8650, 31.1770, 2.1610



216.9780, 14.2610, -10.6590



213.1450, -37.1370, -4.2810



218.8260, -16.6450, 9.8110

Sweetspot

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



219.8650, 31.1770, 2.1610



245.9040, 9.0780, 0.6780



212.2120, 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.



219.8650, 31.1770, 2.1610



216.3990, 38.4210, 3.0370



238.0620, 22.6520, -14.0520



118.8220, 6.3730, 0.1410



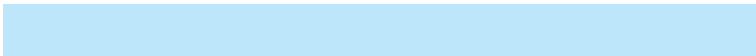
94.0790, 95.0440, 6.5960



30.5660, 30.5810, 1.9490

Inverse Universe

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



220.1350, -31.1770, -2.1610



217.0140, -38.1460, -2.5140



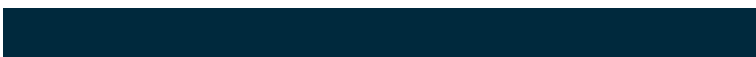
201.9380, -22.6520, 14.0520



118.7650, -6.6480, -0.6640



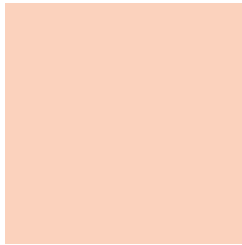
94.9210, -95.0440, -6.5960



31.0210, -30.8560, -2.4720

Previews

White Background



This preview shows how the YIQ color 219.8650, 31.1770, 2.1610 looks on a white background.

Color Contrast Check

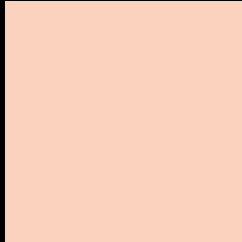
Large Text (above 18pt) WCAG AA × Fail

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 219.8650, 31.1770, 2.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

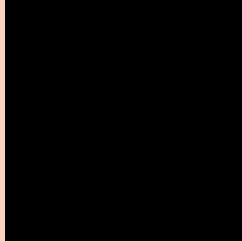
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.8650, 31.1770, 2.1610

Background



This preview shows how black text looks on a background with the YIQ color 219.8650, 31.1770, 2.1610.



This preview shows how white text looks on a background with the YIQ color 219.8650, 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

219.8650, 31.1770, 2.1610

Protanopia

218.1400, 13.9850, -5.6550

Deuteranopia

219.5660, 30.5810, 1.9490



Tritanopia

221.7740, 24.6640, 15.5760

Trichromacy



Original Color

219.8650, 31.1770, 2.1610

Protanomaly

218.6570, 19.8990, -2.7010

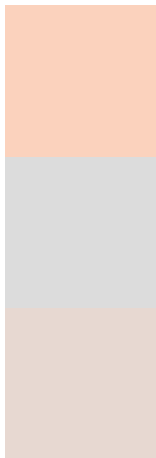
Deuteranomaly

219.5660, 30.5810, 1.9490

Tritanomaly

221.2810, 27.3700, 10.5860

Monochromacy



Original Color

219.8650, 31.1770, 2.1610

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.6870, 11.1870, 1.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8650, 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(251, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(251, 210, 189)  
}
```

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(251, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 210, 189) }
```

Border

The CSS property to change the border of an element to YIQ 219.8650, 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(251, 210, 189) }
```


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

```
.border{ border-color:rgb(251, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 210, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 210, 189); box-shadow:4px 4px 4px 4px rgb(251, 210, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8650, 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(251, 210, 189) }
```

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

```
.background{ background-color: rgb(251,  
210, 189) }
```

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