

Converting Colors

YIQ(219.8360, 30.1210, 10.2890)

Have a look what the booklet for
YIQ(219.8360, 30.1210, 10.2890)
contains.

YIQ(219.8360, 30.1210, 10.2890)	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(219.8360, 30.1210,
10.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCC
RGB	255, 205, 204
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.1961, 0.1999
CMYK	0.00, 0.20, 0.20, 0.00
HSL	1°, 100%, 90%
HSV	1°, 20%, 100%
XYZ	73.9691, 69.2737, 66.6186
YIQ	219.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

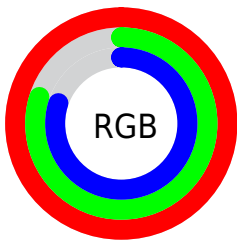
Format	Color
R _Y B	255, 205, 204
Decimal	16764364
CIE Lab	86.64, 17.50, 7.18
CIE LCh	87, 18.914, 22.296
Yxy	69.2737, 0.3525, 0.3301
Android (android.graphics.Color)	4294954444 (0xFFFFCDCC)
YUV	219.8360, -7.8071, 30.8388
Hunter-Lab	83.2308, 12.9829, 10.8054

Details

The YIQ color **219.8360, 30.1210, 10.2890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **239.1640, -30.1210, -10.2890**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.9390, 28.3330, 9.6530** is the 20% darker color. If you saturate the color by 10%, you get **202.3110, 45.0210, 15.5890**, and if you desaturate by 10%, it is **237.4750, 14.9000, 5.3000**.

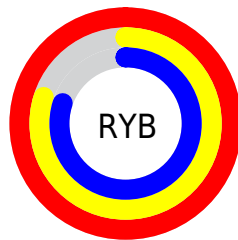
Distribution



Red (100%)

Green (80%)

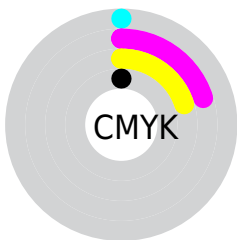
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

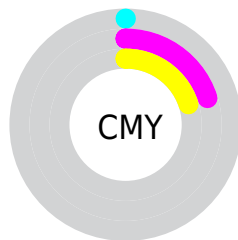


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.8360, 30.1210, 10.2890 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 219.8360, 30.1210, 10.2890 by changing the saturation by 10% instead.


 219.8360, 30.1210,
10.2890


 219.8360, 30.1210,
10.2890


255.0000, -0.0000,
-0.0000


 191.6510, 29.2040,
10.3880

 164.9390, 28.3330,
9.6530

 138.3410, 27.1410,
9.2290

 112.1560, 26.2240,
9.3280

 87.5580, 25.0320,
8.9040

 63.7750, 22.9230,
8.5790

 40.9920, 20.8140,

8.2540

■ 19.3510, 21.1810,
7.1090

■ 2.3920, 4.7680,
1.6960

■ 219.8360, 30.1210,
10.2890

■ 219.8360, 30.1210,
10.2890

■ 202.3110, 45.0210,
15.5890

■ 237.4750, 14.9000,
5.3000

■ 184.6720, 60.2420,
20.5780

255.0000, -0.0000,
-0.0000

■ 167.1470, 75.1420,
25.8780

■ 149.5080, 90.3630,
30.8670

■ 131.9830,
105.2630, 36.1670

■ 114.3440,
120.4840, 41.1560

■ 96.8190, 135.3840,
46.4560

■ 79.1800, 150.6050,
51.4450

Harmonies

Analogous

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



220.3930, 21.3630, 14.8270



219.8360, 30.1210, 10.2890



218.3920, 31.1310, 2.9950

Triad

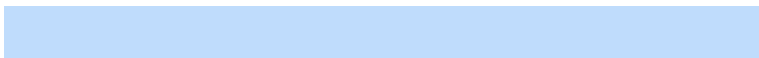
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.8360, 30.1210, 10.2890



212.9090, -7.6540, -15.4780



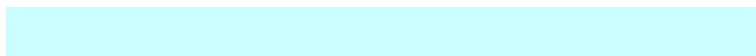
214.9770, -27.5560, 3.8040

Complementary

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



219.8360, 30.1210, 10.2890



239.1640, -30.1210, -10.2890

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.



212.3300, -36.2200, -4.3800



219.8360, 30.1210, 10.2890



210.8240, -23.4720, -15.1520

Square

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



219.8360, 30.1210, 10.2890



214.9990, 9.7680, -11.8320



210.2990, -34.9350, -11.1510



218.1040, -11.5560, 11.1960

Rectangle

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



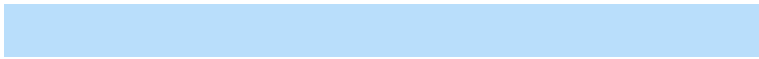
219.8360, 30.1210, 10.2890



217.3650, 26.5930, -2.8710



210.2990, -34.9350, -11.1510



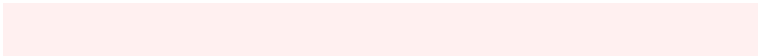
214.2430, -31.3610, 1.1750

Sweetspot

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



219.8360, 30.1210, 10.2890



244.4850, 8.9400, 3.1800



224.9490, 14.3460, 26.3620



121.6910, 5.3640, 1.9080



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.



219.8360, 30.1210, 10.2890



212.8260, 36.0810, 12.4090



234.5110, 23.2460, -2.7860



118.8870, 7.7480, 2.7560



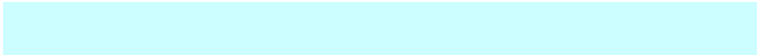
59.4570, 112.7360, 38.4000



19.7230, 37.8690, 13.0450

Inverse Universe

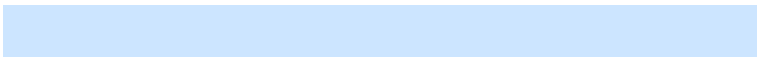
The Inverse Universe completely reimagines the original color for something new.



239.1640, -30.1210, -10.2890



236.1740, -36.0810, -12.4090



224.4890, -23.2460, 2.7860



123.5260, -7.4730, -2.2330



132.1300, -113.0110, -38.9230



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 219.8360, 30.1210, 10.2890 looks on a white background.

Color Contrast Check

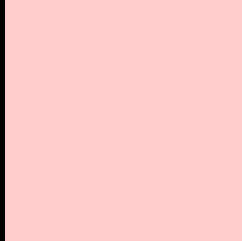
Large Text (above 18pt) WCAG AA × Fail

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 219.8360, 30.1210, 10.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

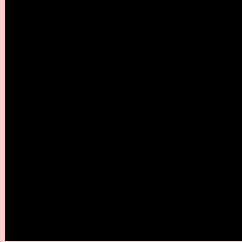
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.8360, 30.1210, 10.2890

Background



This preview shows how black text looks on a background with the YIQ color 219.8360, 30.1210, 10.2890.



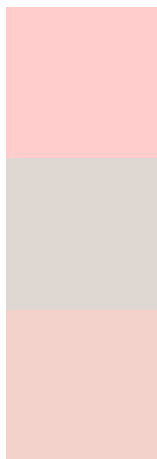
This preview shows how white text looks on a background with the YIQ color 219.8360, 30.1210,

10.2890.

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

219.8360, 30.1210, 10.2890

Protanopia

217.4090, 6.0980, -0.3820

Deuteranopia

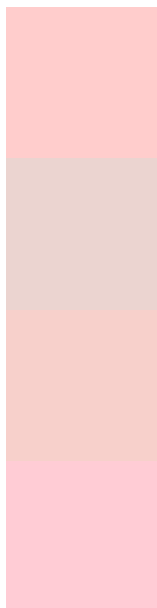
219.0690, 21.9150, 4.8190



Tritanopia

220.2580, 26.1770, 15.6890

Trichromacy



Original Color

219.8360, 30.1210, 10.2890

Protanomaly

218.4210, 14.9920, 3.6320

Deuteranomaly

219.0910, 24.8490, 6.7130

Tritanomaly

220.2750, 27.5070, 13.6110

Monochromacy



Original Color

219.8360, 30.1210, 10.2890

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2680, 11.0490, 3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8360, 30.1210, 10.2890 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, 205, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 204)  
}
```

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, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 204) }
```

Border

The CSS property to change the border of an element to YIQ 219.8360, 30.1210, 10.2890 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, 205, 204) }
```


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

```
.border{ border-color:rgb(255, 205, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8360, 30.1210, 10.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 204) }
```

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

```
.background{ background-color: rgb(255,  
205, 204) }
```

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