

Converting Colors

YIQ(208.9380, -5.4570, 5.2870)

Have a look what the booklet for
YIQ(208.9380, -5.4570, 5.2870)
contains.

YIQ(208.9380, -5.4570, 5.2870)	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(208.9380, -5.4570,
5.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCFE0
RGB	207, 207, 224
RGB Percent	81%, 81%, 88%
CMY	0.1882, 0.1882, 0.1216
CMYK	0.08, 0.08, 0.00, 0.12
HSL	240°, 22%, 85%
HSV	240°, 8%, 88%
XYZ	61.4991, 63.2728, 79.4862
YIQ	208.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

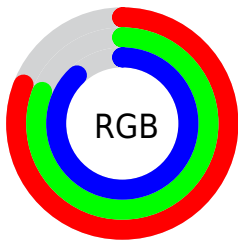
Format	Color
R_{YB}	207, 207, 224
Decimal	13619168
CIE Lab	83.59, 3.21, -8.38
CIE LCh	84, 8.978, 290.962
Yxy	63.2728, 0.3011, 0.3098
Android (android.graphics.Color)	4291809248 (0xFFCFCFE0)
YUV	208.9380, 7.4256, -1.6996
Hunter-Lab	79.5442, -1.1963, -3.5658

Details

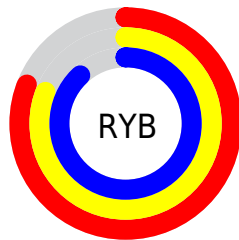
The YIQ color $208.9380, -5.4570, 5.2870$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.0620, 5.4570, -5.2870$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $154.8240, -5.1360, 4.9760$ is the 20% darker color. If you saturate the color by 10%, you get $189.4460, -12.5190, 12.1290$, and if you desaturate by 10%, it is $228.4300, 1.6050, -1.5550$.

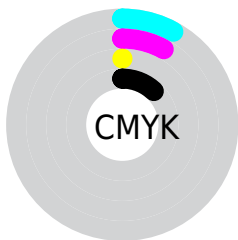
Distribution



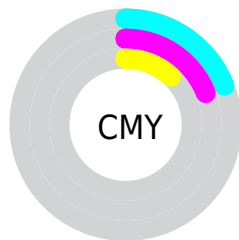
- Red (81%)
- Green (81%)
- Blue (88%)



- Red (81%)
- Yellow (81%)
- Blue (88%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.9380, -5.4570, 5.2870 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 208.9380, -5.4570, 5.2870 by changing the saturation by 10% instead.

■ 208.9380, -5.4570,
5.2870

■ 208.9380, -5.4570,
5.2870

255.0000, -0.0000,
-0.0000

■ 180.9380, -5.4570,
5.2870

■ 154.8240, -5.1360,
4.9760

■ 128.7100, -4.8150,
4.6650

■ 103.7100, -4.8150,
4.6650

■ 79.5960, -4.4940,
4.3540

■ 56.5960, -4.4940,
4.3540

■ 35.0690, -4.4480,

3.5200

■ 13.0090, -4.2190,
4.8770

■ 0.0000, 0.0000,
0.0000

■ 208.9380, -5.4570,
5.2870

■ 208.9380, -5.4570,
5.2870

■ 189.4460,
-12.5190, 12.1290

■ 228.4300, 1.6050,
-1.5550

■ 169.0680,
-19.9020, 19.2820

■ 248.8080, 8.9880,
-8.7080

■ 149.5760,
-26.9640, 26.1240

■ 251.4660, 9.9510,
-9.6410

■ 129.1980,
-34.3470, 33.2770

■ 109.7060,
-41.4090, 40.1190

■ 90.2140, -48.4710,
46.9610

■ 69.8360, -55.8540,
54.1140

■ 50.3440, -62.9160,
60.9560

■ 29.9660, -70.2990,
68.1090

Harmonies

Analogous

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



207.8230, -12.5630, 1.9090



208.9380, -5.4570, 5.2870



209.5970, 2.9330, 7.4210

Triad

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



208.9380, -5.4570, 5.2870



209.2530, 15.4050, 1.6530



205.5100, -10.5440, -7.1520

Complementary

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



208.9380, -5.4570, 5.2870



222.0620, 5.4570, -5.2870

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.



206.4030, -2.9330, -7.4210



208.9380, -5.4570, 5.2870



208.5790, 11.3710, -2.3330

Square

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



208.9380, -5.4570, 5.2870



210.1760, 14.3040, 5.0880



207.7630, 4.8610, -5.4990



205.6390, -15.2210, -4.9890

Rectangle

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



208.9380, -5.4570, 5.2870



209.9350, 7.7930, 7.4490



207.7630, 4.8610, -5.4990



206.1790, -8.1140, -7.1380

Sweetspot

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



208.9380, -5.4570, 5.2870



250.5700, -1.6050, 1.5550



218.9170, -10.1320, -3.6040



125.3420, -0.9630, 0.9330



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.



208.9380, -5.4570, 5.2870



234.6220, -7.3830, 7.1530



211.3300, -0.6890, 6.9830



102.2540, -3.5310, 3.4210



20.0640, -56.4960, 54.7360



5.4720, -15.4080, 14.9280

Inverse Universe

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



212.0830, 10.1320, 3.6040



238.8770, 13.7080, 4.8760



219.6700, 0.6890, -6.9830



104.2890, 6.5560, 2.3320



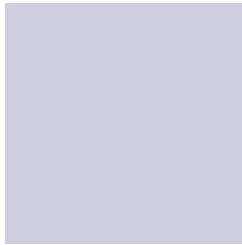
52.6240, 104.8960, 37.3120



14.3520, 28.6080, 10.1760

Previews

White Background



This preview shows how the YIQ color 208.9380, -5.4570, 5.2870 looks on a white background.

Color Contrast Check

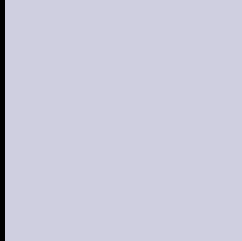
Large Text (above 18pt) WCAG AA × Fail

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 208.9380, -5.4570, 5.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

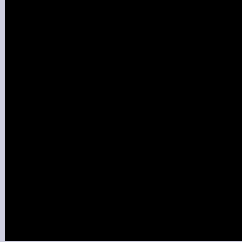
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.9380, -5.4570, 5.2870

Background



This preview shows how black text looks on a background with the YIQ color 208.9380, -5.4570, 5.2870.

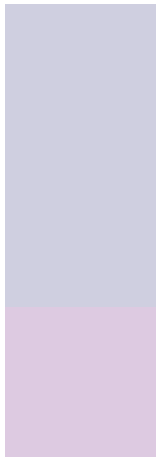


This preview shows how white text looks on a background with the YIQ color 208.9380, -5.4570,

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

208.9380, -5.4570, 5.2870

Protanopia

208.9380, -5.4570, 5.2870

Deuteranopia

210.3030, 3.9410, 11.1810



Tritanopia

208.8240, -5.1360, 4.9760

Trichromacy



Original Color

208.9380, -5.4570, 5.2870

Protanomaly

208.9380, -5.4570, 5.2870

Deuteranomaly

209.9820, 0.4110, 9.0750

Tritanomaly

208.8240, -5.1360, 4.9760

Monochromacy



Original Color

208.9380, -5.4570, 5.2870

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6840, -1.9260, 1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.9380, -5.4570, 5.2870 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(207, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 224)  
}
```

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(207, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 224) }
```

Border

The CSS property to change the border of an element to YIQ 208.9380, -5.4570, 5.2870 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(207, 207, 224) }
```


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

```
.border{ border-color:rgb(207, 207, 224) }
```

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

Here you see how a box with a 4 pixel rgb(207, 207, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 208.9380, -5.4570, 5.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 224) }
```

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

```
.background{ background-color: rgb(207,  
207, 224) }
```

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