

Converting Colors

YIQ(202.9380, -5.4570, 5.2870)

Have a look what the booklet for
YIQ(202.9380, -5.4570, 5.2870)
contains.

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Color

**YIQ(202.9380, -5.4570,
5.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9DA
RGB	201, 201, 218
RGB Percent	79%, 79%, 85%
CMY	0.2117, 0.2117, 0.1451
CMYK	0.08, 0.08, 0.00, 0.15
HSL	240°, 19%, 82%
HSV	240°, 8%, 85%
XYZ	57.6285, 59.2527, 74.7231
YIQ	202.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

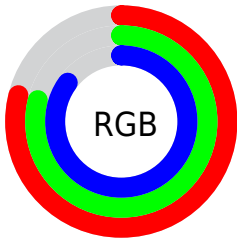
Format	Color
R _Y B	201, 201, 218
Decimal	13224410
CIE Lab	81.43, 3.23, -8.43
CIE LCh	81, 9.028, 290.984
Yxy	59.2527, 0.3008, 0.3092
Android (android.graphics.Color)	4291414490 (0xFFC9C9DA)
YUV	202.9380, 7.4256, -1.6996
Hunter-Lab	76.9758, -1.0722, -3.6719

Details

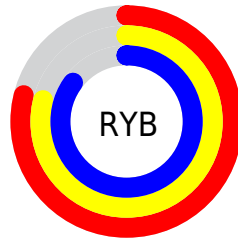
The YIQ color **202.9380, -5.4570, 5.2870** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216.0620, 5.4570, -5.2870**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **148.8240, -5.1360, 4.9760** is the 20% darker color. If you saturate the color by 10%, you get **183.4460, -12.5190, 12.1290**, and if you desaturate by 10%, it is **222.4300, 1.6050, -1.5550**.

Distribution



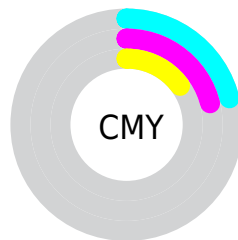
- Red (79%)
- Green (79%)
- Blue (85%)



- Red (79%)
- Yellow (79%)
- Blue (85%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9380, -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 202.9380, -5.4570, 5.2870 by changing the saturation by 10% instead.

■ 202.9380, -5.4570,
5.2870

■ 202.9380, -5.4570,
5.2870

255.0000, -0.0000,
-0.0000

■ 175.8240, -5.1360,
4.9760

■ 148.8240, -5.1360,
4.9760

■ 122.8240, -5.1360,
4.9760

■ 98.2970, -5.0900,
4.1420

■ 74.5960, -4.4940,
4.3540

■ 51.5960, -4.4940,
4.3540

■ 30.4820, -4.1730,

4.0430

■ 6.0520, -5.7780,
5.5980

■ 0.0000, 0.0000,
0.0000

■ 202.9380, -5.4570,
5.2870

■ 202.9380, -5.4570,
5.2870

■ 183.4460,
-12.5190, 12.1290

■ 222.4300, 1.6050,
-1.5550

■ 163.9540,
-19.5810, 18.9710

■ 241.9220, 8.6670,
-8.3970

■ 145.3480,
-26.3220, 25.5020

■ 250.7820, 11.8770,
-11.5070

■ 125.8560,
-33.3840, 32.3440

■ 106.3640,
-40.4460, 39.1860

■ 86.8720, -47.5080,
46.0280

■ 67.3800, -54.5700,
52.8700

■ 48.7740, -61.3110,
59.4010

■ 29.2820, -68.3730,
66.2430

Harmonies

Analogous

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



201.8230, -12.5630, 1.9090



202.9380, -5.4570, 5.2870



203.5970, 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.



202.9380, -5.4570, 5.2870



203.2530, 15.4050, 1.6530



199.5100, -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.



202.9380, -5.4570, 5.2870



216.0620, 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.



200.4030, -2.9330, -7.4210



202.9380, -5.4570, 5.2870



202.5790, 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.



202.9380, -5.4570, 5.2870



204.1760, 14.3040, 5.0880



201.7630, 4.8610, -5.4990



199.6390, -15.2210, -4.9890

Rectangle

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



202.9380, -5.4570, 5.2870



203.9350, 7.7930, 7.4490



201.7630, 4.8610, -5.4990



200.1790, -8.1140, -7.1380

Sweetspot

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



202.9380, -5.4570, 5.2870



250.5700, -1.6050, 1.5550



212.9170, -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.



202.9380, -5.4570, 5.2870



234.6220, -7.3830, 7.1530



205.3300, -0.6890, 6.9830



100.2540, -3.5310, 3.4210



19.7220, -55.5330, 53.8030



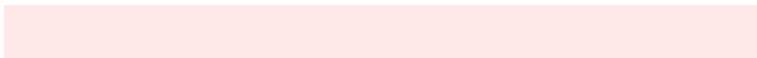
5.2440, -14.7660, 14.3060

Inverse Universe

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



206.0830, 10.1320, 3.6040



238.8770, 13.7080, 4.8760



213.6700, 0.6890, -6.9830



102.2890, 6.5560, 2.3320



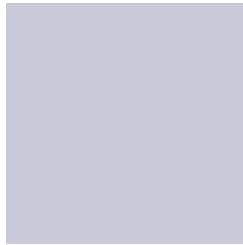
51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 202.9380, -5.4570, 5.2870 looks on a white background.

Color Contrast Check

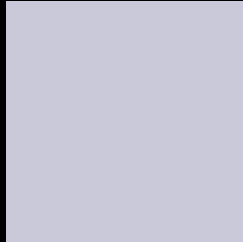
Large Text (above 18pt) WCAG AA × Fail

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 202.9380, -5.4570, 5.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

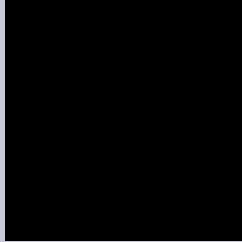
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.9380, -5.4570, 5.2870

Background



This preview shows how black text looks on a background with the YIQ color 202.9380, -5.4570, 5.2870.

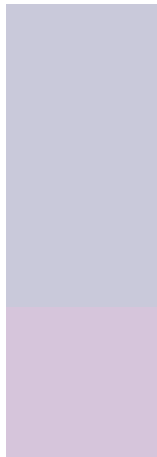


This preview shows how white text looks on a background with the YIQ color 202.9380, -5.4570,

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

202.9380, -5.4570, 5.2870

Protanopia

202.9380, -5.4570, 5.2870

Deuteranopia

204.5910, 3.0700, 10.4460



Tritanopia

202.8240, -5.1360, 4.9760

Trichromacy



Original Color

202.9380, -5.4570, 5.2870

Protanomaly

202.9380, -5.4570, 5.2870

Deuteranomaly

203.6830, -0.1850, 8.8630

Tritanomaly

202.8240, -5.1360, 4.9760

Monochromacy



Original Color

202.9380, -5.4570, 5.2870

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.6840, -1.9260, 1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9380, -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(201, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 218)  
}
```

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(201, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 218) }
```

Border

The CSS property to change the border of an element to YIQ 202.9380, -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(201, 201, 218) }
```


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

```
.border{ border-color:rgb(201, 201, 218) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9380, -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(201, 201, 218) }
```

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

```
.background{ background-color: rgb(201,  
201, 218) }
```

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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