

Converting Colors

YIQ(208.4010, -16.6460,
15.3380)

Have a look what the booklet for
YIQ(208.4010, -16.6460, 15.3380)
contains.

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Color

**YIQ(208.4010, -16.6460,
15.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	CACBFD
RGB	202, 203, 253
RGB Percent	79%, 80%, 99%
CMY	0.2078, 0.2039, 0.0079
CMYK	0.20, 0.20, 0.00, 0.01
HSL	239°, 93%, 89%
HSV	239°, 20%, 99%
XYZ	63.4405, 62.3599, 101.5992
YIQ	208.4010, -16.6460, 15.3380

Conversions

Conversions Part 2

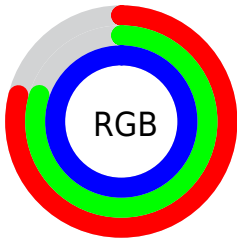
Format	Color
R _Y B	202, 203, 253
Decimal	13290493
CIE Lab	83.10, 9.79, -24.57
CIE LCh	83, 26.446, 291.728
Yxy	62.3599, 0.2790, 0.2742
Android (android.graphics.Color)	4291480573 (0xFFCACBFD)
YUV	208.4010, 21.9873, -5.6137
Hunter-Lab	78.9683, 5.2067, -21.0037

Details

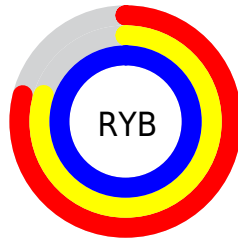
The YIQ color $208.4010, -16.6460, 15.3380$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $246.5990, 16.6460, -15.3380$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.7600, -16.2790, 14.1930$ is the 20% darker color. If you saturate the color by 10%, you get $186.2510, -24.6710, 23.1130$, and if you desaturate by 10%, it is $230.5510, -8.6210, 7.5630$.

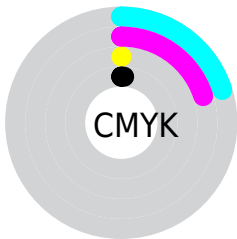
Distribution



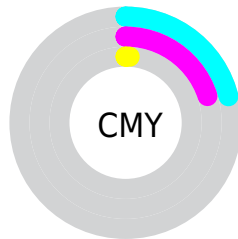
- Red (79%)
- Green (80%)
- Blue (99%)



- Red (79%)
- Yellow (80%)
- Blue (99%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (21%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.4010, -16.6460, 15.3380 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 208.4010, -16.6460, 15.3380 by changing the saturation by 10% instead.

■ 208.4010,
-16.6460, 15.3380

■ 208.4010,
-16.6460, 15.3380

255.0000, -0.0000,
-0.0000

■ 180.8740,
-16.6000, 14.5040

■ 153.7600,
-16.2790, 14.1930

■ 127.6460,
-15.9580, 13.8820

■ 102.1190,
-15.9120, 13.0480

■ 78.5920, -15.8660,
12.2140

■ 55.0650, -15.8200,
11.3800

■ 32.8260, -16.6450,

9.8110

■ 9.3530, -16.6910,
10.6450

■ 3.3230, -7.9790,
6.9410

■ 208.4010,
-16.6460, 15.3380

■ 208.4010,
-16.6460, 15.3380

■ 186.2510,
-24.6710, 23.1130

■ 230.5510, -8.6210,
7.5630

■ 163.8020,
-33.2920, 30.6760

■ 253.0000, -0.0000,
-0.0000

■ 142.2390,
-41.5920, 37.9280

254.7720, 0.6420,
-0.6220

■ 120.0890,
-49.6170, 45.7030

■ 97.9390, -57.6420,
53.4780

■ 75.4900, -66.2630,
61.0410

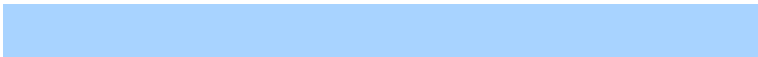
■ 53.3400, -74.2880,
68.8160

■ 31.7770, -82.5880,
76.0680

Harmonies

Analogous

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



203.1590, -39.7520, 4.5680



208.4010, -16.6460, 15.3380



210.9650, 8.2490, 21.2170

Triad

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



208.4010, -16.6460, 15.3380



208.7800, 41.7220, 3.7860



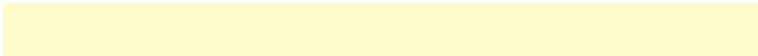
197.8610, -34.0620, -21.4700

Complementary

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



208.4010, -16.6460, 15.3380



246.5990, 16.6460, -15.3380

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.



200.6650, -10.0830, -21.0190



208.4010, -16.6460, 15.3380



206.5410, 31.7290, -7.8470

Square

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



208.4010, -16.6460, 15.3380



209.4350, 38.7400, 13.7800



204.1040, 13.6660, -16.3980



196.2260, -51.0270, -16.8750

Rectangle

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



208.4010, -16.6460, 15.3380



211.3920, 23.1040, 21.8240



204.1040, 13.6660, -16.3980



198.7540, -26.4510, -21.7390

Sweetspot

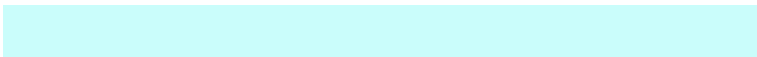
The Sweet Spot groups the original color and five complimentary colors.



208.4010, -16.6460, 15.3380



241.7100, -4.8150, 4.6650



237.5230, -29.7540, -11.4340



120.0260, -2.8890, 2.7990



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.



208.4010, -16.6460, 15.3380



201.5410, -19.8560, 18.4480



214.9900, -2.0670, 20.9490



116.4820, -4.1730, 4.0430



24.1220, -62.4110, 57.3090



7.8830, -20.8190, 19.3810

Inverse Universe

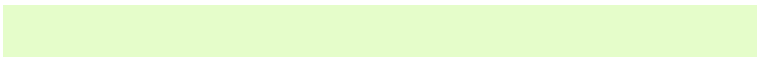
The Inverse Universe completely reimagines the original color for something new.



217.3630, 30.0750, 11.1230



212.3530, 36.0350, 13.2430



240.0100, 2.0670, -20.9490



118.8870, 7.7480, 2.7560



57.5650, 112.5520, 41.7360



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 208.4010, -16.6460, 15.3380 looks on a white background.

Color Contrast Check

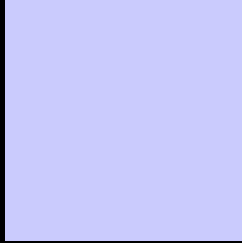
Large Text (above 18pt) WCAG AA × Fail

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 208.4010, -16.6460, 15.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

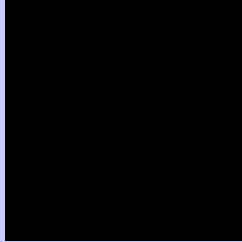
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.4010, -16.6460, 15.3380

Background



This preview shows how black text looks on a background with the YIQ color 208.4010, -16.6460, 15.3380.

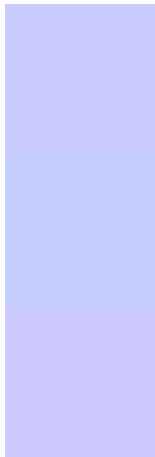


This preview shows how white text looks on a background with the YIQ color 208.4010, -16.6460,

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

208.4010, -16.6460, 15.3380

Protanopia

207.5960, -21.6890, 13.1190

Deuteranopia

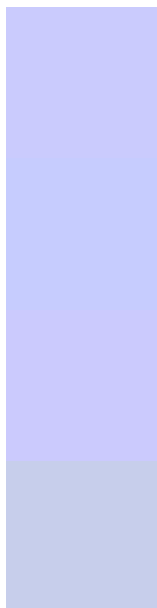
208.4120, -15.1790, 16.2850



Tritanopia

206.6490, -12.0130, 2.9550

Trichromacy



Original Color

208.4010, -16.6460, 15.3380

Protanomaly

207.9060, -19.6260, 14.2780

Deuteranomaly

208.1130, -15.7750, 16.0730

Tritanomaly

207.2130, -13.4810, 7.5350

Monochromacy



Original Color

208.4010, -16.6460, 15.3380

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0520, -5.7780, 5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.4010, -16.6460, 15.3380 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(202, 203, 253)` looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 253)  
}
```

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(202, 203, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 253) }
```

Border

The CSS property to change the border of an element to YIQ 208.4010, -16.6460, 15.3380 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(202, 203, 253) }
```


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

```
.border{ border-color:rgb(202, 203, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 203, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 203, 253); box-shadow:4px 4px 4px 4px rgb(202, 203, 253) }
```

Background

The CSS property to change the background color of an element to YIQ 208.4010, -16.6460, 15.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 253) }
```

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

```
.background{ background-color: rgb(202,  
203, 253) }
```

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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