

Converting Colors

YIQ(208.0280, -14.3980, 7.6340)

Have a look what the booklet for
YIQ(208.0280, -14.3980, 7.6340)
contains.

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Color

**YIQ(208.0280, -14.3980,
7.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CFED
RGB	199, 207, 237
RGB Percent	78%, 81%, 93%
CMY	0.2196, 0.1882, 0.0707
CMYK	0.16, 0.13, 0.00, 0.07
HSL	227°, 51%, 85%
HSV	227°, 16%, 93%
XYZ	61.1499, 62.8826, 89.0197
YIQ	208.0280, -14.3980, 7.6340

Conversions

Conversions Part 2

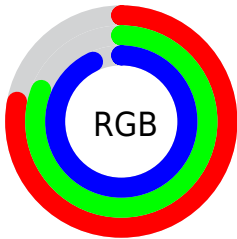
Format	Color
R _Y B	199, 206, 237
Decimal	13094893
CIE Lab	83.38, 3.28, -15.67
CIE LCh	83, 16.006, 281.811
Yxy	62.8826, 0.2870, 0.2952
Android (android.graphics.Color)	4291284973 (0xFFC7CFED)
YUV	208.0280, 14.2832, -7.9176
Hunter-Lab	79.2986, -1.1250, -11.0493

Details

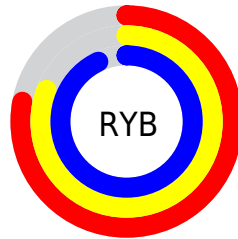
The YIQ color $208.0280, -14.3980, 7.6340$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.9720, 14.3980, -7.6340$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.8000, -13.7560, 7.0120$ is the 20% darker color. If you saturate the color by 10%, you get $189.6990, -23.4770, 12.4830$, and if you desaturate by 10%, it is $226.3570, -5.3190, 2.7850$.

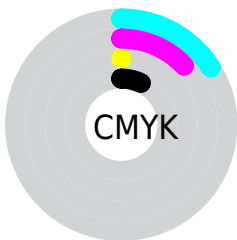
Distribution



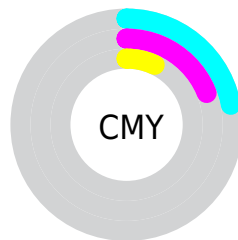
- Red (78%)
- Green (81%)
- Blue (93%)



- Red (78%)
- Yellow (81%)
- Blue (93%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.0280, -14.3980, 7.6340 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 208.0280, -14.3980, 7.6340 by changing the saturation by 10% instead.

■ 208.0280,
-14.3980, 7.6340

■ 208.0280,
-14.3980, 7.6340

255.0000, -0.0000,
-0.0000

■ 180.9140,
-14.0770, 7.3230

■ 153.8000,
-13.7560, 7.0120

■ 127.6860,
-13.4350, 6.7010

■ 102.5720,
-13.1140, 6.3900

■ 78.4580, -12.7930,
6.0790

■ 55.3440, -12.4720,
5.7680

■ 33.5180, -13.0220,

4.7220

■ 10.7460, -13.6640,
5.3440

■ 1.1400, -3.2100,
3.1100

■ 208.0280,
-14.3980, 7.6340

■ 208.0280,
-14.3980, 7.6340

■ 189.6990,
-23.4770, 12.4830

■ 226.3570, -5.3190,
2.7850

■ 172.2560,
-32.2350, 17.0210

■ 243.8000, 3.4390,
-1.7530

■ 153.9270,
-41.3140, 21.8700

■ 252.9480, 5.7780,
-5.5980

■ 135.5980,
-50.3930, 26.7190

■ 117.5680,
-58.8760, 31.7800

■ 99.8260, -68.2300,
36.1060

■ 81.4970, -77.3090,
40.9550

■ 63.1680, -86.3880,
45.8040

■ 56.3680, -89.8270,
47.5570

Harmonies

Analogous

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



205.4670, -26.1800, 0.8920



208.0280, -14.3980, 7.6340



209.9760, 0.5480, 12.1000

Triad

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



208.0280, -14.3980, 7.6340



209.4070, 26.7750, 4.8470



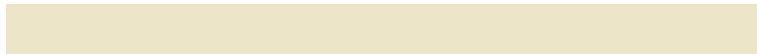
203.1840, -15.6780, -13.2300

Complementary

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



208.0280, -14.3980, 7.6340



227.9720, 14.3980, -7.6340

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.



204.7250, -1.1440, -12.3120



208.0280, -14.3980, 7.6340



208.7390, 22.6040, -2.1640

Square

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



208.0280, -14.3980, 7.6340



210.4270, 24.0230, 10.6710



206.9610, 12.9310, -8.5810



202.4910, -26.7280, -11.2080

Rectangle

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



208.0280, -14.3980, 7.6340



210.2930, 9.9010, 13.3010



206.9610, 12.9310, -8.5810



203.5220, -10.8180, -13.2020

Sweetspot

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



208.0280, -14.3980, 7.6340



245.2430, -4.9980, 2.4740



224.7260, -20.0800, -10.5440



121.4990, -2.8430, 1.9650



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.



208.0280, -14.3980, 7.6340



218.3420, -18.1580, 9.6980



206.6210, -5.6420, 14.1500



108.4280, -4.0810, 2.3750



42.9400, -68.5510, 36.4170



12.6130, -20.3590, 11.0410

Inverse Universe

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



211.2740, 20.0800, 10.5440



222.4920, 25.3980, 13.2860



229.3790, 5.6420, -14.1500



109.5170, 5.9140, 2.9540



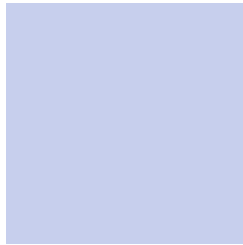
58.4510, 95.6780, 50.1900



17.4000, 28.6530, 14.8690

Previews

White Background



This preview shows how the YIQ color 208.0280, -14.3980, 7.6340 looks on a white background.

Color Contrast Check

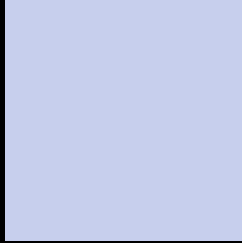
Large Text (above 18pt) WCAG AA × Fail

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 208.0280, -14.3980, 7.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

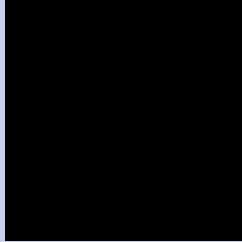
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.0280, -14.3980, 7.6340

Background



This preview shows how black text looks on a background with the YIQ color 208.0280, -14.3980, 7.6340.

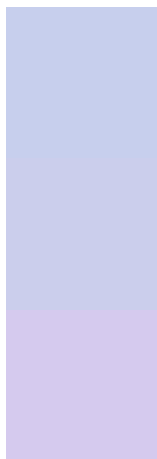


This preview shows how white text looks on a background with the YIQ color 208.0280, -14.3980, 7.6340.

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

208.0280, -14.3980, 7.6340

Protanopia

208.5230, -11.4180, 8.6940

Deuteranopia

209.3930, -5.0000, 13.5280



Tritanopia

207.3500, -12.6090, 2.7430

Trichromacy



Original Color

208.0280, -14.3980, 7.6340

Protanomaly

208.2240, -12.0140, 8.4820

Deuteranomaly

209.0720, -8.5300, 11.4220

Tritanomaly

207.5180, -13.0220, 4.7220

Monochromacy



Original Color

208.0280, -14.3980, 7.6340

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.3570, -5.3190, 2.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.0280, -14.3980, 7.6340 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(199, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 237)  
}
```

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(199, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 237) }
```

Border

The CSS property to change the border of an element to YIQ 208.0280, -14.3980, 7.6340 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(199, 207, 237) }
```


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

```
.border{ border-color:rgb(199, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 208.0280, -14.3980, 7.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 237) }
```

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

```
.background{ background-color: rgb(199,  
207, 237) }
```

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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