

Converting Colors

YIQ(201.5420, -4.4020, 2.6860)

Have a look what the booklet for
YIQ(201.5420, -4.4020, 2.6860)
contains.

YIQ(201.5420, -4.4020, 2.6860)	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(201.5420, -4.4020,
2.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C9D3
RGB	199, 201, 211
RGB Percent	78%, 79%, 83%
CMY	0.2196, 0.2117, 0.1726
CMYK	0.06, 0.05, 0.00, 0.17
HSL	230°, 12%, 80%
HSV	230°, 6%, 83%
XYZ	56.1972, 58.6187, 69.9764
YIQ	201.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

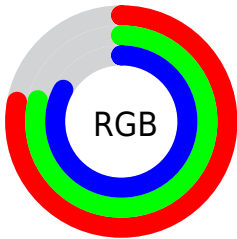
Format	Color
R_{YB}	199, 201, 211
Decimal	13093331
CIE Lab	81.08, 1.20, -5.21
CIE LCh	81, 5.350, 282.995
Yxy	58.6187, 0.3041, 0.3172
Android (android.graphics.Color)	4291283411 (0xFFC7C9D3)
YUV	201.5420, 4.6628, -2.2293
Hunter-Lab	76.5628, -2.9658, -0.5955

Details

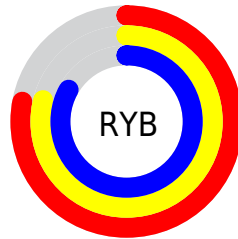
The YIQ color **201.5420, -4.4020, 2.6860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208.4580, 4.4020, -2.6860**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **147.5420, -4.4020, 2.6860** is the 20% darker color. If you saturate the color by 10%, you get **184.6970, -11.9680, 7.6480**, and if you desaturate by 10%, it is **218.3870, 3.1640, -2.2760**.

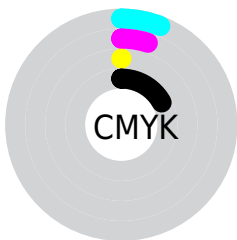
Distribution



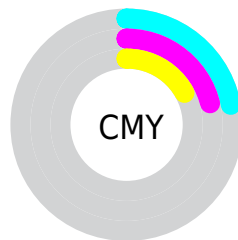
- Red (78%)
- Green (79%)
- Blue (83%)



- Red (78%)
- Yellow (79%)
- Blue (83%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.5420, -4.4020, 2.6860 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 201.5420, -4.4020, 2.6860 by changing the saturation by 10% instead.

■ 201.5420, -4.4020,
2.6860

■ 201.5420, -4.4020,
2.6860

255.0000, -0.0000,
-0.0000

■ 174.4280, -4.0810,
2.3750

■ 147.5420, -4.4020,
2.6860

■ 121.4280, -4.0810,
2.3750

■ 97.3140, -3.7600,
2.0640

■ 73.3140, -3.7600,
2.0640

■ 50.6130, -3.1640,
2.2760

■ 29.6130, -3.1640,

2.2760

■ 4.4710, -5.6400,
3.0960

■ 0.0000, 0.0000,
0.0000

■ 201.5420, -4.4020,
2.6860

■ 201.5420, -4.4020,
2.6860

■ 184.6970,
-11.9680, 7.6480

■ 218.3870, 3.1640,
-2.2760

■ 168.4390,
-19.8090, 12.0870

■ 234.6450, 11.0050,
-6.7150

■ 151.5940,
-27.3750, 17.0490

■ 249.3970, 14.3990,
-13.1610

■ 135.3360,
-35.2160, 21.4880

■ 249.9840, 14.1240,
-13.6840

■ 118.4910,
-42.7820, 26.4500

■ 101.9340,
-51.2190, 30.6770

■ 85.0890, -58.7850,
35.6390

■ 68.2440, -66.3510,
40.6010

■ 51.9860, -74.1920,
45.0400

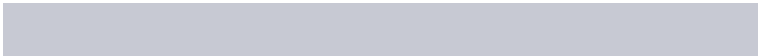
Harmonies

Analogous

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



200.9220, -8.5280, 0.3680



201.5420, -4.4020, 2.6860



201.9340, 0.3660, 4.3820

Triad

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



201.5420, -4.4020, 2.6860



202.4310, 9.0320, 1.5120



199.7280, -5.2260, -4.4100

Complementary

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



201.5420, -4.4020, 2.6860



208.4580, 4.4020, -2.6860

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.



200.1800, -0.6870, -4.0710



201.5420, -4.4020, 2.6860



201.7790, 7.9320, -0.5800

Square

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



201.5420, -4.4020, 2.6860



202.3000, 8.0230, 3.2790



201.1590, 3.8060, -2.8980



199.7000, -8.0230, -3.2790

Rectangle

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



201.5420, -4.4020, 2.6860



202.7880, 3.7130, 4.2970



201.1590, 3.8060, -2.8980



200.2120, -3.7130, -4.2970

Sweetspot

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



201.5420, -4.4020, 2.6860



251.1570, -1.8800, 1.0320



207.1840, -6.5100, -3.1660



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.



201.5420, -4.4020, 2.6860



240.8130, -6.6030, 4.0290



201.5640, -1.4680, 4.5800



98.2000, -3.4390, 1.7530



35.5880, -61.6280, 37.6040



8.7830, -15.0860, 9.0900

Inverse Universe

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



202.8160, 6.5100, 3.1660



242.7240, 9.7650, 4.7490



208.4360, 1.4680, -4.5800



98.9190, 4.7220, 2.5300



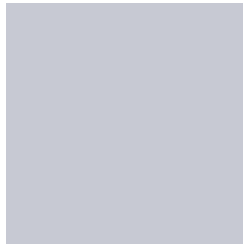
53.4240, 91.1400, 44.3240



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 201.5420, -4.4020, 2.6860 looks on a white background.

Color Contrast Check

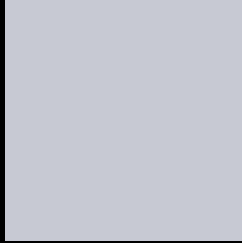
Large Text (above 18pt) WCAG AA × Fail

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 201.5420, -4.4020, 2.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

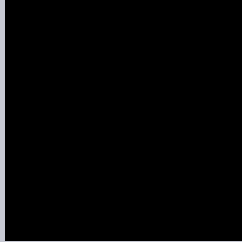
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

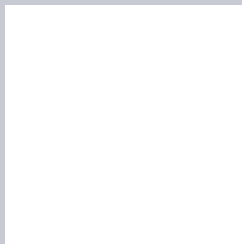
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.5420, -4.4020, 2.6860

Background



This preview shows how black text looks on a background with the YIQ color 201.5420, -4.4020, 2.6860.



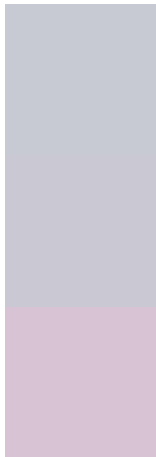
This preview shows how white text looks on a background with the YIQ color 201.5420, -4.4020,

2.6860.

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

201.5420, -4.4020, 2.6860

Protanopia

201.7380, -2.0180, 3.5340

Deuteranopia

203.2170, 7.0590, 9.7390



Tritanopia

201.8240, -5.1360, 4.9760

Trichromacy



Original Color

201.5420, -4.4020, 2.6860

Protanomaly

201.4390, -2.6140, 3.3220

Deuteranomaly

202.5970, 2.9330, 7.4210

Tritanomaly

201.5960, -4.4940, 4.3540

Monochromacy



Original Color

201.5420, -4.4020, 2.6860

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.5420, -4.4020, 2.6860 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, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 211)  
}
```

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, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 211) }
```

Border

The CSS property to change the border of an element to YIQ 201.5420, -4.4020, 2.6860 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, 201, 211) }
```


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

```
.border{ border-color:rgb(199, 201, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 201.5420, -4.4020, 2.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 211) }
```

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

```
.background{ background-color: rgb(199,  
201, 211) }
```

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