

Converting Colors

YIQ(201.1900, 2.5210, 3.8730)

Have a look what the booklet for
YIQ(201.1900, 2.5210, 3.8730)
contains.

YIQ(201.1900, 2.5210, 3.8730)	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(201.1900, 2.5210,
3.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6CD
RGB	206, 198, 205
RGB Percent	81%, 78%, 80%
CMY	0.1921, 0.2235, 0.1961
CMYK	0.00, 0.04, 0.00, 0.19
HSL	308°, 8%, 79%
HSV	308°, 4%, 81%
XYZ	56.6682, 57.9171, 65.9507
YIQ	201.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

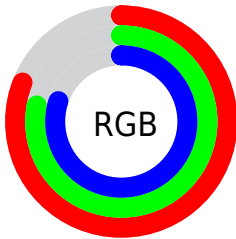
Format	Color
R _Y B	206, 198, 205
Decimal	13551309
CIE Lab	80.69, 4.05, -2.51
CIE LCh	81, 4.762, 328.222
Yxy	57.9171, 0.3139, 0.3208
Android (android.graphics.Color)	4291741389 (0xFFCEC6CD)
YUV	201.1900, 1.8783, 4.2184
Hunter-Lab	76.1033, -0.2659, 1.8919

Details

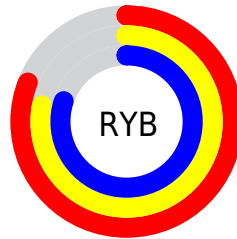
The YIQ color **201.1900, 2.5210, 3.8730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202.8100, -2.5210, -3.8730**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **147.1900, 2.5210, 3.8730** is the 20% darker color. If you saturate the color by 10%, you get **188.5210, 9.2590, 13.9230**, and if you desaturate by 10%, it is **213.8590, -4.2170, -6.1770**.

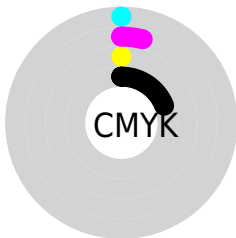
Distribution



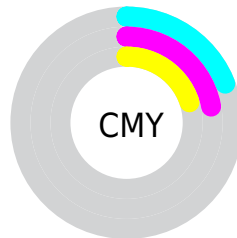
- Red (81%)
- Green (78%)
- Blue (80%)



- Red (81%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.1900, 2.5210, 3.8730 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 201.1900, 2.5210, 3.8730 by changing the saturation by 10% instead.

■ 201.1900, 2.5210,
3.8730

■ 201.1900, 2.5210,
3.8730

255.0000, -0.0000,
-0.0000

■ 174.1900, 2.5210,
3.8730

■ 147.1900, 2.5210,
3.8730

■ 121.7770, 2.2460,
3.3500

■ 96.7770, 2.2460,
3.3500

■ 72.7770, 2.2460,
3.3500

■ 50.4780, 1.6500,
3.1380

■ 29.3640, 1.9710,

2.8270

■ 4.0160, 3.0710,
4.9190

■ 0.0000, 0.0000,
0.0000

■ 201.1900, 2.5210,
3.8730

■ 201.1900, 2.5210,
3.8730

■ 188.5210, 9.2590,
13.9230

■ 213.8590, -4.2170,
-6.1770

■ 176.5530, 15.4010,
23.7610

■ 225.8270,
-10.3590, -16.0150

■ 163.8840, 22.1390,
33.8110

■ 235.5610,
-15.7220, -23.4500

■ 151.9160, 28.2810,
43.6490

■ 235.7890,
-16.3640, -22.8280

139.2470, 35.0190,
53.6990

236.1310,
-17.3270, -21.8950

126.5780, 41.7570,
63.7490

236.4730,
-18.2900, -20.9620

114.6100, 47.8990,
73.5870

236.7010,
-18.9320, -20.3400

101.9410, 54.6370,
83.6370

237.0430,
-19.8950, -19.4070

89.9730, 60.7790,
93.4750

237.2710,
-20.5370, -18.7850

Harmonies

Analogous

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



200.6240, -1.6970, 3.2230



201.1900, 2.5210, 3.8730



201.0440, 5.8680, 3.7880

Triad

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



201.1900, 2.5210, 3.8730



200.4690, 5.8690, -1.7390



199.2270, -8.0690, -2.4450

Complementary

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



201.1900, 2.5210, 3.8730



202.8100, -2.5210, -3.8730

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.



199.0700, -6.1890, -3.4770



201.1900, 2.5210, 3.8730



199.3760, 1.6970, -3.2230

Square

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



201.1900, 2.5210, 3.8730



200.4200, 7.5650, 0.5650



198.8100, -2.5210, -3.8730



199.3950, -8.4820, -0.4660

Rectangle

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



201.1900, 2.5210, 3.8730



201.0010, 7.4270, 3.0670



198.8100, -2.5210, -3.8730



199.1130, -7.7480, -2.7560

Sweetspot

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



201.1900, 2.5210, 3.8730



253.2390, 0.8250, 1.5690



199.2110, -1.9720, 2.7000



126.7120, 0.8710, 0.7350



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.



201.1900, 2.5210, 3.8730



247.1410, 4.2170, 6.1770



200.7340, 3.8050, 2.6290



98.3640, 1.9710, 2.8270



66.1640, 52.3910, 80.2870



15.1240, 12.0550, 18.3190

Inverse Universe

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



201.1900, 2.5210, 3.8730



247.1410, 4.2170, 6.1770



203.2660, -3.8050, -2.6290



98.3640, 1.9710, 2.8270



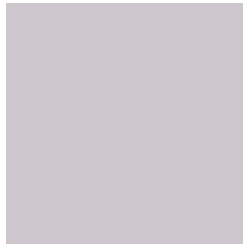
66.1640, 52.3910, 80.2870



15.1240, 12.0550, 18.3190

Previews

White Background



This preview shows how the YIQ color 201.1900, 2.5210, 3.8730 looks on a white background.

Color Contrast Check

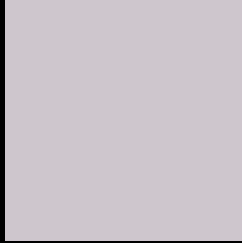
Large Text (above 18pt) WCAG AA × Fail

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 201.1900, 2.5210, 3.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

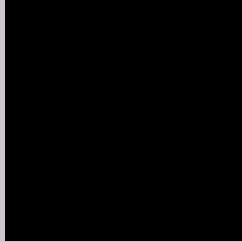
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.1900, 2.5210, 3.8730

Background



This preview shows how black text looks on a background with the YIQ color 201.1900, 2.5210, 3.8730.



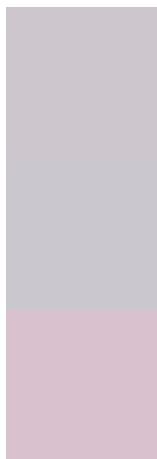
This preview shows how white text looks on a background with the YIQ color 201.1900, 2.5210,

3.8730.

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

201.1900, 2.5210, 3.8730

Protanopia

200.6950, -0.4590, 2.8130

Deuteranopia

202.2450, 9.8560, 8.6080



Tritanopia

201.7000, 1.1450, 6.7850

Trichromacy



Original Color

201.1900, 2.5210, 3.8730

Protanomaly

200.9940, 0.1370, 3.0250

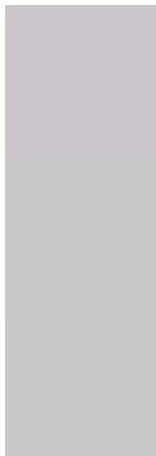
Deuteranomaly

201.6360, 7.1970, 7.2370

Tritanomaly

201.3580, 2.1080, 5.8520

Monochromacy



Original Color

201.1900, 2.5210, 3.8730

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.1900, 2.5210, 3.8730 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(206, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 205)  
}
```

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(206, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 205) }
```

Border

The CSS property to change the border of an element to YIQ 201.1900, 2.5210, 3.8730 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(206, 198, 205) }
```


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

```
.border{ border-color:rgb(206, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 201.1900, 2.5210, 3.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 205) }
```

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

```
.background{ background-color: rgb(206,  
198, 205) }
```

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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