

Converting Colors

YIQ(201.4370, -8.3000, 7.2520)

Have a look what the booklet for
YIQ(201.4370, -8.3000, 7.2520)
contains.

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Color

**YIQ(201.4370, -8.3000,
7.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C7DF
RGB	198, 199, 223
RGB Percent	78%, 78%, 87%
CMY	0.2235, 0.2196, 0.1255
CMYK	0.11, 0.11, 0.00, 0.13
HSL	238°, 28%, 83%
HSV	238°, 11%, 87%
XYZ	57.0306, 58.1803, 78.0268
YIQ	201.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

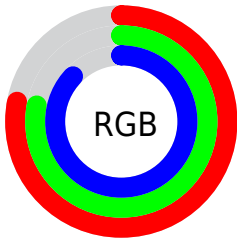
Format	Color
R _{YB}	198, 199, 223
Decimal	13027295
CIE Lab	80.84, 4.31, -12.01
CIE LCh	81, 12.762, 289.753
Yxy	58.1803, 0.2951, 0.3011
Android (android.graphics.Color)	4291217375 (0xFFC6C7DF)
YUV	201.4370, 10.6306, -3.0142
Hunter-Lab	76.2760, -0.0208, -7.2577

Details

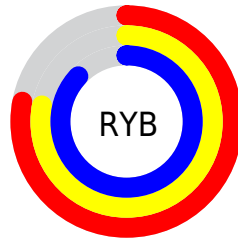
The YIQ color $201.4370, -8.3000, 7.2520$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.5630, 8.3000, -7.2520$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $147.3230, -7.9790, 6.9410$ is the 20% darker color. If you saturate the color by 10%, you get $182.5320, -15.6370, 13.5710$, and if you desaturate by 10%, it is $220.3420, -0.9630, 0.9330$.

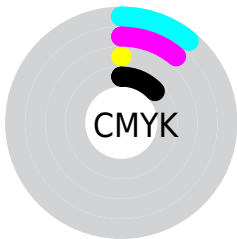
Distribution



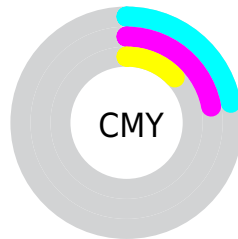
- Red (78%)
- Green (78%)
- Blue (87%)



- Red (78%)
- Yellow (78%)
- Blue (87%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4370, -8.3000, 7.2520 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 201.4370, -8.3000, 7.2520 by changing the saturation by 10% instead.

■ 201.4370, -8.3000,
7.2520

■ 201.4370, -8.3000,
7.2520

255.0000, -0.0000,
-0.0000

■ 174.3230, -7.9790,
6.9410

■ 147.3230, -7.9790,
6.9410

■ 121.7960, -7.9330,
6.1070

■ 96.7960, -7.9330,
6.1070

■ 72.9810, -7.0160,
6.0080

■ 50.5680, -7.2910,
5.4850

■ 29.3400, -6.6490,

4.8630

■ 3.7360, -7.7040,
7.4640

■ 0.0000, 0.0000,
0.0000

■ 201.4370, -8.3000,
7.2520

■ 201.4370, -8.3000,
7.2520

■ 182.5320,
-15.6370, 13.5710

■ 220.3420, -0.9630,
0.9330

■ 162.7410,
-23.2950, 20.2010

■ 240.1330, 6.6950,
-5.6970

■ 143.8360,
-30.6320, 26.5200

■ 251.3520, 10.2720,
-9.9520

■ 124.3440,
-37.6940, 33.3620

■ 105.4390,
-45.0310, 39.6810

■ 86.2350, -52.9640,
45.7880

■ 66.7430, -60.0260,
52.6300

■ 47.8380, -67.3630,
58.9490

■ 30.7050, -74.0580,
64.6460

Harmonies

Analogous

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



199.4140, -18.6610, 2.2910



201.4370, -8.3000, 7.2520



202.4770, 3.3910, 10.1350

Triad

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



201.4370, -8.3000, 7.2520



202.3030, 21.1360, 2.4160



197.3630, -14.6240, -10.3040

Complementary

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



201.4370, -8.3000, 7.2520



219.5630, 8.3000, -7.2520

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.



198.2240, -3.9870, -10.3470



201.4370, -8.3000, 7.2520



200.6890, 16.8730, -2.9270

Square

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



201.4370, -8.3000, 7.2520



203.1660, 20.2640, 7.2080



199.2640, 7.7040, -7.4640



196.9370, -22.0520, -7.8440

Rectangle

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



201.4370, -8.3000, 7.2520



203.4840, 10.6810, 10.1770



199.2640, 7.7040, -7.4640



197.2170, -11.2770, -10.3890

Sweetspot

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



201.4370, -8.3000, 7.2520



248.4990, -2.8430, 1.9650



215.4110, -14.5790, -5.6110



123.2710, -2.2010, 1.3430



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.



201.4370, -8.3000, 7.2520



226.3490, -10.8680, 9.7400



204.1390, -1.4690, 10.1070



102.2540, -3.5310, 3.4210



24.1730, -58.4210, 51.0750



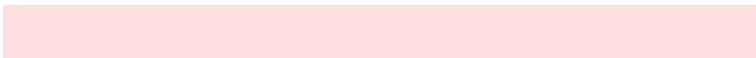
6.6460, -15.9580, 13.8820

Inverse Universe

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



205.5890, 14.5790, 5.6110



231.9810, 19.3470, 7.3070



216.8610, 1.4690, -10.1070



104.2890, 6.5560, 2.3320



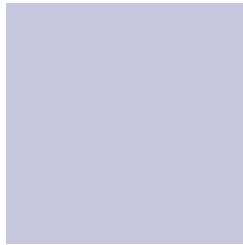
53.4220, 102.6490, 39.4890



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 201.4370, -8.3000, 7.2520 looks on a white background.

Color Contrast Check

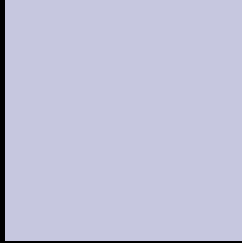
Large Text (above 18pt) WCAG AA × Fail

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 201.4370, -8.3000, 7.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

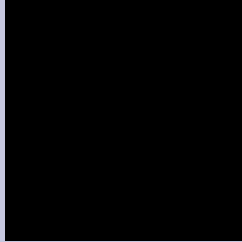
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.4370, -8.3000, 7.2520

Background



This preview shows how black text looks on a background with the YIQ color 201.4370, -8.3000, 7.2520.

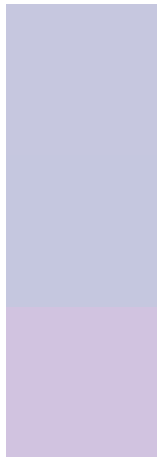


This preview shows how white text looks on a background with the YIQ color 201.4370, -8.3000,

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

201.4370, -8.3000, 7.2520

Protanopia

201.1380, -8.8960, 7.0400

Deuteranopia

202.4920, -0.9650, 11.9870



Tritanopia

200.9270, -6.9240, 4.3400

Trichromacy



Original Color

201.4370, -8.3000, 7.2520

Protanomaly

201.1380, -8.8960, 7.0400

Deuteranomaly

201.8830, -3.6240, 10.6160

Tritanomaly

201.2690, -7.8870, 5.2730

Monochromacy



Original Color

201.4370, -8.3000, 7.2520

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.0260, -2.8890, 2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4370, -8.3000, 7.2520 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(198, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 223)  
}
```

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(198, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 223) }
```

Border

The CSS property to change the border of an element to YIQ 201.4370, -8.3000, 7.2520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

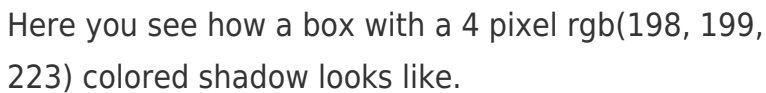
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 199, 223) }
```


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

```
.border{ border-color:rgb(198, 199, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 199, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 199, 223); box-shadow:4px 4px 4px 4px rgb(198, 199, 223) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4370, -8.3000, 7.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 223) }
```

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

```
.background{ background-color: rgb(198,  
199, 223) }
```

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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