

Converting Colors

YIQ(203.5790, 2.2030, -12.3970)

Have a look what the booklet for
YIQ(203.5790, 2.2030, -12.3970)
contains.

YIQ(203.5790, 2.2030, -12.3970)	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(203.5790, 2.2030,
-12.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3B4
RGB	198, 211, 180
RGB Percent	78%, 83%, 71%
CMY	0.2236, 0.1725, 0.2941
CMYK	0.06, 0.00, 0.15, 0.17
HSL	85°, 26%, 77%
HSV	85°, 15%, 83%
XYZ	54.8200, 61.8909, 52.2413
YIQ	203.5790, 2.2030, -12.3970

Conversions

Conversions Part 2

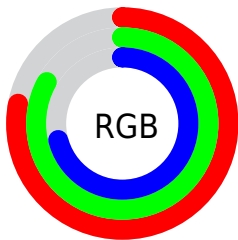
Format	Color
RYB	180, 211, 193
Decimal	13030324
CIELab	82.86, -9.90, 13.87
CIElCh	83, 17.039, 125.520
Yxy	61.8909, 0.3245, 0.3663
Android (android.graphics.Color)	4291220404 (0xFFC6D3B4)
YUV	203.5790, -11.6244, -4.8928
Hunter-Lab	78.6707, -13.2900, 15.6980

Details

The YIQ color $203.5790, 2.2030, -12.3970$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $187.4210, -2.2030, 12.3970$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.8340, 6.0990, -5.9090$, and $149.1060, 2.1570, -11.5630$ is the 20% darker color. If you saturate the color by 10%, you get $198.4940, 3.5800, -20.8360$, and if you desaturate by 10%, it is $208.6640, 0.8260, -3.9580$.

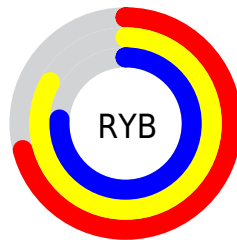
Distribution



Red (78%)

Green (83%)

Blue (71%)



Red (71%)

Yellow (83%)

Blue (76%)

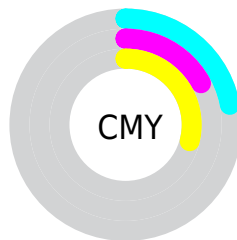


Cyan (6%)

Magenta (0%)

Yellow (15%)

Black (17%)



Cyan (22%)

Magenta (17%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.5790, 2.2030, -12.3970 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 203.5790, 2.2030, -12.3970 by changing the saturation by 10% instead.

■ 203.5790, 2.2030,
-12.3970

■ 203.5790, 2.2030,
-12.3970

255.0000, -0.0000,
-0.0000

■ 175.9920, 2.4780,
-11.8740

■ 252.8340, 6.0990,
-5.9090

■ 149.1060, 2.1570,
-11.5630

■ 123.2200, 1.8360,
-11.2520

■ 98.3340, 1.5150,
-10.9410

■ 74.7470, 1.7900,
-10.4180

■ 51.8610, 1.4690,
-10.1070

■ 30.2740, 1.7440,

-9.5840

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 203.5790, 2.2030,
-12.3970

■ 203.5790, 2.2030,
-12.3970

■ 198.4940, 3.5800,
-20.8360

■ 208.6640, 0.8260,
-3.9580

■ 193.4090, 4.9570,
-29.2750

■ 213.7490, -0.5510,
4.4810

■ 188.3240, 6.3340,
-37.7140

■ 218.8340, -1.9280,
12.9200

■ 183.5380, 8.3070,
-45.9410

■ 222.5940, -1.0120,
18.3480

■ 178.4530, 9.6840,
-54.3800

■ 225.2850, 4.3520,
20.2560

■ 173.2540, 11.3820,
-63.1300

■ 227.9760, 9.7160,
22.1640

■ 168.1690, 12.7590,
-71.5690

■ 229.1720, 12.1000,
23.0120

■ 163.0840, 14.1360,
-80.0080

■ 160.3350, 14.6870,
-84.4890

Harmonies

Analogous

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



205.4560, 15.9110, -7.5210



203.5790, 2.2030, -12.3970



201.4400, -13.5230, -13.7390

Triad

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



203.5790, 2.2030, -12.3970



203.2600, -30.0310, -0.9030



209.1820, 23.3350, 12.1270

Complementary

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



203.5790, 2.2030, -12.3970



187.4210, -2.2030, 12.3970

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.



209.4890, 12.2850, 14.1490



203.5790, 2.2030, -12.3970



206.3480, -18.2950, 6.6730

Square

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



203.5790, 2.2030, -12.3970



201.0760, -32.6890, -7.8010



208.1220, -2.7990, 12.1850



208.5320, 27.9210, 6.1050

Rectangle

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



203.5790, 2.2030, -12.3970



201.0630, -22.6470, -13.5830



208.1220, -2.7990, 12.1850



209.1540, 20.5380, 13.2580

Sweetspot

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



203.5790, 2.2030, -12.3970



252.6640, 0.8260, -3.9580



196.9000, 14.9010, -0.2270



126.3050, 0.4590, -2.8130



0.0000, 0.0000, 0.0000



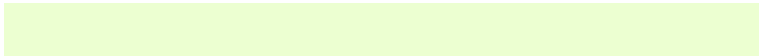
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203.5790, 2.2030, -12.3970



244.0750, 3.4420, -18.3340



199.0940, -6.7370, -15.5770



102.2510, 0.5510, -4.4810



127.9180, 12.2080, -67.0880



31.2430, 3.0290, -16.3550

Inverse Universe

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



187.4210, -2.2030, 12.3970



219.9250, -3.4420, 18.3340



191.9060, 6.7370, 15.5770



96.4500, -1.1470, 4.2690



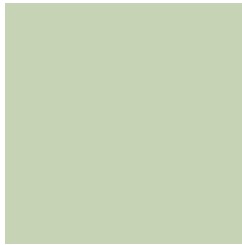
40.3810, -11.6120, 67.3000



9.7570, -3.0290, 16.3550

Previews

White Background



This preview shows how the YIQ color 203.5790, 2.2030, -12.3970 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 203.5790, 2.2030, -12.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

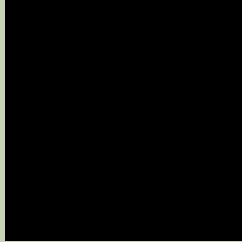
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

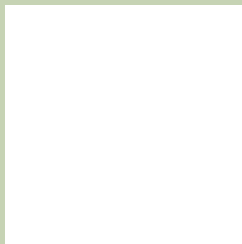
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.5790, 2.2030, -12.3970

Background



This preview shows how black text looks on a background with the YIQ color 203.5790, 2.2030, -12.3970.



This preview shows how white text looks on a background with the YIQ color 203.5790, 2.2030, -12.3970.

-12.3970.

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

203.5790, 2.2030, -12.3970

Protanopia

205.6840, 15.2690, -6.8990

Deuteranopia

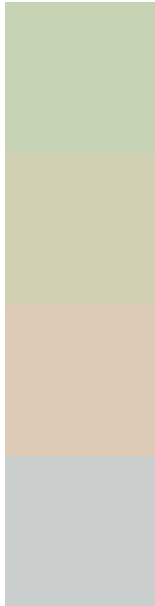
207.6410, 25.9960, 2.4440



Tritanopia

206.5250, -5.7320, 4.7640

Trichromacy



Original Color

203.5790, 2.2030, -12.3970

Protanomaly

204.8790, 10.2260, -9.1180

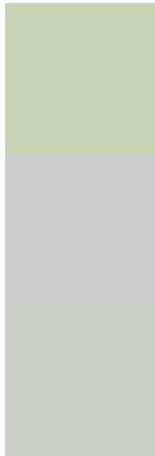
Deuteranomaly

205.9880, 17.4690, -2.7150

Tritanomaly

205.3910, -2.6590, -1.3710

Monochromacy



Original Color

203.5790, 2.2030, -12.3970

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1370, 0.8720, -4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5790, 2.2030, -12.3970 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, 211, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 180)  
}
```

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, 211, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 180) }
```

Border

The CSS property to change the border of an element to YIQ 203.5790, 2.2030, -12.3970 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, 211, 180) }
```


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

```
.border{ border-color:rgb(198, 211, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5790, 2.2030, -12.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 180) }
```

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

```
.background{ background-color: rgb(198,  
211, 180) }
```

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