

Converting Colors

YIQ(200.3980, 21.8260,
-10.0940)

Have a look what the booklet for
YIQ(200.3980, 21.8260, -10.0940)
contains.

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Color

**YIQ(200.3980, 21.8260,
-10.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C99F
RGB	215, 201, 159
RGB Percent	84%, 79%, 62%
CMY	0.1569, 0.2118, 0.3763
CMYK	0.00, 0.07, 0.26, 0.16
HSL	45°, 41%, 73%
HSV	45°, 26%, 84%
XYZ	55.1708, 58.7221, 41.2414
YIQ	200.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

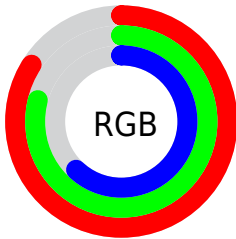
Format	Color
RYB	178, 215, 159
Decimal	14141855
CIELab	81.14, -1.61, 22.77
CIELCh	81, 22.831, 94.053
Yxy	58.7221, 0.3556, 0.3785
Android (android.graphics.Color)	4292331935 (0xFFD7C99F)
YUV	200.3980, -20.4092, 12.8060
Hunter-Lab	76.6303, -5.5903, 21.7322

Details

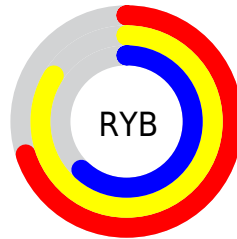
The YIQ color $200.3980, 21.8260, -10.0940$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $173.6020, -21.8260, 10.0940$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $146.3270, 20.5880, -9.6840$ is the 20% darker color. If you saturate the color by 10%, you get $195.0690, 29.9420, -14.0100$, and if you desaturate by 10%, it is $205.8410, 13.3890, -5.8670$.

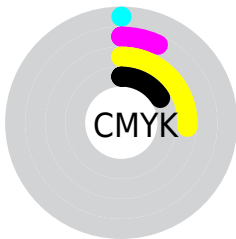
Distribution



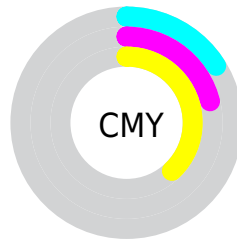
- Red (84%)
- Green (79%)
- Blue (62%)



- Red (70%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.3980, 21.8260, -10.0940 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 200.3980, 21.8260, -10.0940 by changing the saturation by 10% instead.

■ 200.3980, 21.8260,
-10.0940

■ 200.3980, 21.8260,
-10.0940

■ 255.0000, -0.0000,
-0.0000

■ 173.2130, 20.9090,
-9.9950

■ 250.3260, 13.1610,
-12.7510

■ 146.3270, 20.5880,
-9.6840

■ 253.5180, 4.1730,
-4.0430

■ 120.2560, 19.3500,
-9.2740

■ 95.6580, 18.1580,
-9.6980

■ 71.5870, 16.9200,
-9.2880

■ 49.1030, 15.4070,
-9.4010

■ 28.6730, 13.8020,

-7.8460

■ 3.5330, -0.1830,
-2.1910

■ 0.0000, 0.0000,
0.0000

■ 200.3980, 21.8260,
-10.0940

■ 200.3980, 21.8260,
-10.0940

■ 195.0690, 29.9420,
-14.0100

■ 205.8410, 13.3890,
-5.8670

■ 189.0390, 38.6540,
-17.7140

■ 211.7570, 4.9980,
-2.4740

■ 183.7100, 46.7700,
-21.6300

■ 217.2000, -3.4390,
1.7530

■ 177.6800, 55.4820,
-25.3340

■ 223.1160,
-11.8300, 5.1460

■ 172.3510, 63.5980,
-29.2500

■ 227.1910,
-16.4150, 5.6410

■ 166.9080, 72.0350,
-33.4770

■ 230.1260,
-17.7900, 3.0260

■ 160.9920, 80.4260,
-36.8700

■ 233.6480,
-19.4400, -0.1120

■ 158.7920, 83.8650,
-38.6230

■ 236.5830,
-20.8150, -2.7270

■ 239.5180,
-22.1900, -5.3420

Harmonies

Analogous

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



202.5400, 33.4700, -0.8500



200.3980, 21.8260, -10.0940



197.5420, 3.6250, -16.1430

Triad

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



200.3980, 21.8260, -10.0940



193.4380, -45.5720, -11.1080



205.5050, 15.3560, 19.0680

Complementary

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



200.3980, 21.8260, -10.0940



173.6020, -21.8260, 10.0940

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.



203.9740, -5.1380, 16.0300



200.3980, 21.8260, -10.0940



196.2740, -41.8140, -2.1180

Square

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



200.3980, 21.8260, -10.0940



193.4250, -35.5300, -16.8900



200.5090, -25.9980, 8.6100



204.8240, 30.3950, 16.3390

Rectangle

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



200.3980, 21.8260, -10.0940



196.2460, -10.2210, -18.5170



200.5090, -25.9980, 8.6100



205.2700, 8.7080, 18.4040

Sweetspot

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



200.3980, 21.8260, -10.0940



249.7850, 7.7950, -3.6050



177.4540, 28.5610, 16.5370



124.1700, 5.2730, -1.9510



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.



200.3980, 21.8260, -10.0940



234.2540, 30.8590, -14.1090



204.7290, 10.2280, -20.1720



103.9850, 4.3560, -1.8520



126.2650, 66.7160, -30.6920



32.2280, 16.5530, -8.1430

Inverse Universe

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



173.6020, -21.8260, 10.0940



196.7460, -30.8590, 14.1090



169.2710, -10.2280, 20.1720



99.0150, -4.3560, 1.8520



44.7350, -66.7160, 30.6920



11.3590, -16.8280, 7.6200

Previews

White Background



This preview shows how the YIQ color 200.3980, 21.8260, -10.0940 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 200.3980, 21.8260, -10.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

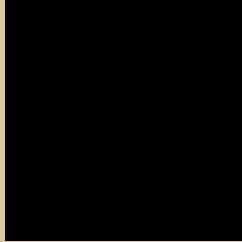
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.3980, 21.8260, -10.0940

Background



This preview shows how black text looks on a background with the YIQ color 200.3980, 21.8260, -10.0940.



This preview shows how white text looks on a background with the YIQ color 200.3980, 21.8260,

-10.0940.

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

200.3980, 21.8260, -10.0940

Protanopia

200.0990, 21.2300, -10.3060

Deuteranopia

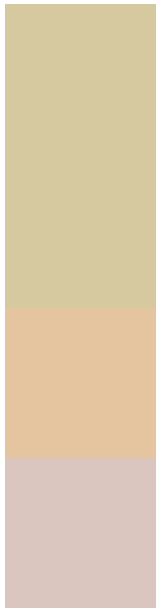
202.4970, 35.0290, -1.5710



Tritanopia

203.7830, 11.2770, 10.3890

Trichromacy



Original Color

200.3980, 21.8260, -10.0940

Protanomaly

200.0990, 21.2300, -10.3060

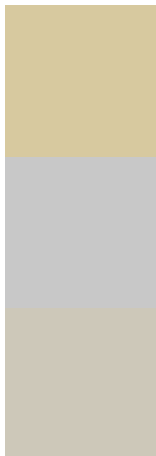
Deuteranomaly

202.0510, 30.3530, -4.9350

Tritanomaly

202.8940, 15.0380, 2.7980

Monochromacy



Original Color

200.3980, 21.8260, -10.0940

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.7850, 7.7950, -3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3980, 21.8260, -10.0940 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(215, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 159)  
}
```

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(215, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 159) }
```

Border

The CSS property to change the border of an element to YIQ 200.3980, 21.8260, -10.0940 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(215, 201, 159) }
```


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

```
.border{ border-color:rgb(215, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3980, 21.8260, -10.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 159) }
```

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

```
.background{ background-color: rgb(215,  
201, 159) }
```

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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