

Converting Colors

YIQ(202.1750, 6.8770, 2.0210)

Have a look what the booklet for
YIQ(202.1750, 6.8770, 2.0210)
contains.

- YIQ(202.1750, 6.8770, 2.0210) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**YIQ(202.1750, 6.8770,
2.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C7C6
RGB	210, 199, 198
RGB Percent	82%, 78%, 78%
CMY	0.1764, 0.2196, 0.2235
CMYK	0.00, 0.05, 0.06, 0.18
HSL	5°, 12%, 80%
HSV	5°, 6%, 82%
XYZ	57.1964, 58.6249, 61.7316
YIQ	202.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

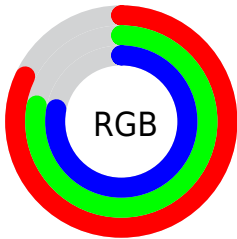
Format	Color
R_{YB}	210, 199, 198
Decimal	13813702
CIE _{Lab}	81.08, 3.66, 1.86
CIE _{LCh}	81, 4.105, 26.896
Yxy	58.6249, 0.3221, 0.3302
Android (android.graphics.Color)	4292003782 (0xFFD2C7C6)
YUV	202.1750, -2.0583, 6.8625
Hunter-Lab	76.5669, -0.6503, 5.7946

Details

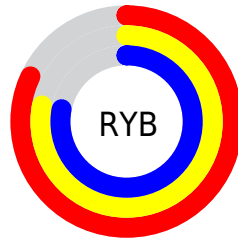
The YIQ color **202.1750, 6.8770, 2.0210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.8250, -6.8770, -2.0210**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **148.1750, 6.8770, 2.0210** is the 20% darker color. If you saturate the color by 10%, you get **188.6280, 18.8430, 5.4270**, and if you desaturate by 10%, it is **215.7220, -5.0890, -1.3850**.

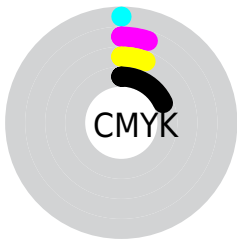
Distribution



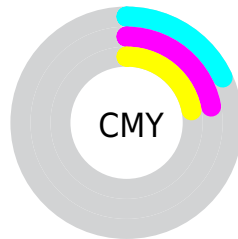
- Red (82%)
- Green (78%)
- Blue (78%)



- Red (82%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.1750, 6.8770, 2.0210 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 202.1750, 6.8770, 2.0210 by changing the saturation by 10% instead.

■ 202.1750, 6.8770,
2.0210

■ 202.1750, 6.8770,
2.0210

255.0000, -0.0000,
-0.0000

■ 174.8760, 6.2810,
1.8090

■ 148.1750, 6.8770,
2.0210

■ 122.5770, 5.6850,
1.5970

■ 97.5770, 5.6850,
1.5970

■ 73.5770, 5.6850,
1.5970

■ 51.2780, 5.0890,
1.3850

■ 30.2780, 5.0890,

1.3850

■ 5.0720, 8.6650,
2.6570

■ 0.0000, 0.0000,
0.0000

■ 202.1750, 6.8770,
2.0210

■ 202.1750, 6.8770,
2.0210

■ 188.6280, 18.8430,
5.4270

■ 215.7220, -5.0890,
-1.3850

■ 174.4940, 31.0840,
9.3560

■ 229.8560,
-17.3300, -5.3140

■ 160.9470, 43.0500,
12.7620

■ 241.5450,
-26.8200, -9.5400

■ 147.4000, 55.0160,
16.1680

■ 133.8530, 66.9820,
19.5740

■ 119.7190, 79.2230,
23.5030

■ 106.1720, 91.1890,
26.9090

■ 92.6250, 103.1550,
30.3150

■ 79.0780, 115.1210,
33.7210

Harmonies

Analogous

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



202.3320, 4.9970, 3.0530



202.1750, 6.8770, 2.0210



202.1210, 6.9690, 0.3530

Triad

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



202.1750, 6.8770, 2.0210



200.2230, -2.2460, -3.3500



201.3030, -5.2270, 1.1170

Complementary

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



202.1750, 6.8770, 2.0210



205.8250, -6.8770, -2.0210

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.



200.8790, -6.9690, -0.3530



202.1750, 6.8770, 2.0210



200.3690, -5.5930, -3.2650

Square

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



202.1750, 6.8770, 2.0210



200.7890, 1.9720, -2.7000



200.5260, -7.4730, -2.2330



202.0970, -1.6510, 2.3890

Rectangle

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



202.1750, 6.8770, 2.0210



201.9960, 5.8230, -0.9050



200.5260, -7.4730, -2.2330



201.0040, -5.8230, 0.9050

Sweetspot

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



202.1750, 6.8770, 2.0210



251.4950, 2.9800, 1.0600



202.8420, 3.6210, 5.9650



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



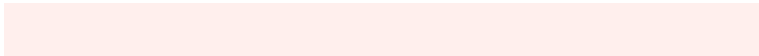
128.0000, -0.0000, -0.0000

Same Dimension

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



202.1750, 6.8770, 2.0210



243.5560, 10.1780, 2.7700



205.6970, 5.2270, -1.1170



99.2780, 5.0890, 1.3850



58.4500, 96.2780, 28.2940



14.0200, 23.6110, 7.1230

Inverse Universe

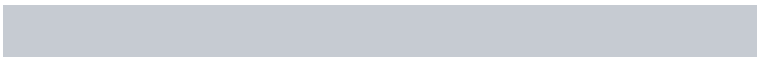
The Inverse Universe completely reimagines the original color for something new.



205.8250, -6.8770, -2.0210



249.0310, -10.4530, -3.2930



202.3030, -5.2270, 1.1170



101.7220, -5.0890, -1.3850



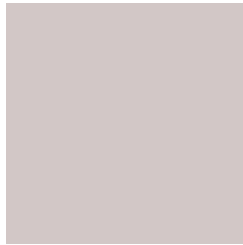
109.5500, -96.2780, -28.2940



26.3930, -23.3360, -6.6000

Previews

White Background



This preview shows how the YIQ color 202.1750, 6.8770, 2.0210 looks on a white background.

Color Contrast Check

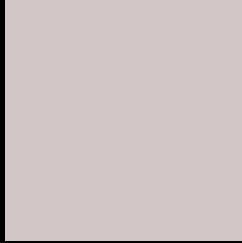
Large Text (above 18pt) WCAG AA × Fail

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 202.1750, 6.8770, 2.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

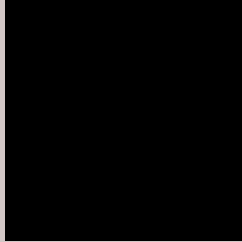
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.1750, 6.8770, 2.0210

Background



This preview shows how black text looks on a background with the YIQ color 202.1750, 6.8770, 2.0210.



This preview shows how white text looks on a background with the YIQ color 202.1750, 6.8770,

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

202.1750, 6.8770, 2.0210

Protanopia

201.3810, 3.3010, 0.7490

Deuteranopia

203.5290, 14.8080, 6.9680



Tritanopia

203.1950, 4.1250, 7.8450

Trichromacy



Original Color

202.1750, 6.8770, 2.0210

Protanomaly

201.9790, 4.4930, 1.1730

Deuteranomaly

202.9200, 12.1490, 5.5970

Tritanomaly

202.9130, 4.8590, 5.5550

Monochromacy



Original Color

202.1750, 6.8770, 2.0210

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.1750, 6.8770, 2.0210 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(210, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 198)  
}
```

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(210, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 198) }
```

Border

The CSS property to change the border of an element to YIQ 202.1750, 6.8770, 2.0210 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(210, 199, 198) }
```


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

```
.border{ border-color:rgb(210, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 202.1750, 6.8770, 2.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 198) }
```

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

```
.background{ background-color: rgb(210,  
199, 198) }
```

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