

Converting Colors

YIQ(204.8250, 2.2910, 8.0430)

Have a look what the booklet for
YIQ(204.8250, 2.2910, 8.0430)
contains.

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Color

**YIQ(204.8250, 2.2910,
8.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C7D8
RGB	212, 199, 216
RGB Percent	83%, 78%, 85%
CMY	0.1686, 0.2196, 0.1529
CMYK	0.02, 0.08, 0.00, 0.15
HSL	286°, 18%, 81%
HSV	286°, 8%, 85%
XYZ	59.9711, 59.8008, 73.3469
YIQ	204.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

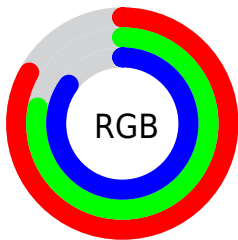
Format	Color
R_{YB}	212, 199, 216
Decimal	13944792
CIE _{Lab}	81.73, 7.60, -6.82
CIE _{LCh}	82, 10.213, 318.085
Yxy	59.8008, 0.3105, 0.3097
Android (android.graphics.Color)	4292134872 (0xFFD4C7D8)
YUV	204.8250, 5.5093, 6.2925
Hunter-Lab	77.3310, 3.0998, -2.1037

Details

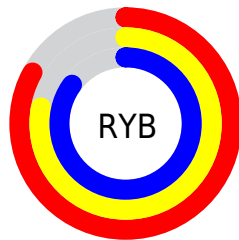
The YIQ color $204.8250, 2.2910, 8.0430$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.1750, -2.2910, -8.0430$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $150.4120, 2.0160, 7.5200$ is the 20% darker color. If you saturate the color by 10%, you get $190.4160, 5.3610, 18.4890$, and if you desaturate by 10%, it is $219.2340, -0.7790, -2.4030$.

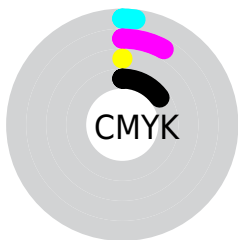
Distribution



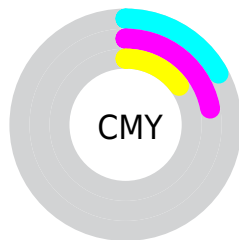
- Red (83%)
- Green (78%)
- Blue (85%)



- Red (83%)
- Yellow (78%)
- Blue (85%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.8250, 2.2910, 8.0430 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 204.8250, 2.2910, 8.0430 by changing the saturation by 10% instead.

■ 204.8250, 2.2910,
8.0430

■ 204.8250, 2.2910,
8.0430

255.0000, -0.0000,
-0.0000

■ 177.4120, 2.0160,
7.5200

■ 150.4120, 2.0160,
7.5200

■ 124.4120, 2.0160,
7.5200

■ 99.9990, 1.7410,
6.9970

■ 75.8850, 2.0620,
6.6860

■ 53.4720, 1.7870,
6.1630

■ 32.0590, 1.5120,

5.6400

■ 7.9500, 3.4370,
9.3010

■ 0.0000, 0.0000,
0.0000

■ 204.8250, 2.2910,
8.0430

■ 204.8250, 2.2910,
8.0430

■ 190.4160, 5.3610,
18.4890

■ 219.2340, -0.7790,
-2.4030

■ 176.5940, 8.1560,
28.4120

■ 233.0560, -3.5740,
-12.3260

■ 162.1850, 11.2260,
38.8580

■ 242.1820, -4.1690,
-18.0650

■ 148.3630, 14.0210,
48.7810

■ 243.6770, -1.1890,
-17.0050

133.9540, 17.0910,
59.2270

245.1720, 1.7910,
-15.9450

119.5450, 20.1610,
69.6730

246.6670, 4.7710,
-14.8850

105.7230, 22.9560,
79.5960

248.1620, 7.7510,
-13.8250

91.0150, 25.4300,
89.8300

249.9560, 11.3270,
-12.5530

77.1930, 28.2250,
99.7530

250.5540, 12.5190,
-12.1290

Harmonies

Analogous

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



203.5680, -7.2910, 5.4850



204.8250, 2.2910, 8.0430



205.3160, 11.0940, 8.1980

Triad

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



204.8250, 2.2910, 8.0430



203.3620, 13.4800, -2.0080



200.3290, -17.2840, -6.1480

Complementary

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



204.8250, 2.2910, 8.0430



210.1750, -2.2910, -8.0430

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.



200.3850, -11.6900, -8.4100



204.8250, 2.2910, 8.0430



202.1330, 6.6950, -5.6970

Square

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



204.8250, 2.2910, 8.0430



204.1500, 17.1930, 2.2890



201.1750, -2.2910, -8.0430



200.9530, -18.9810, -2.9250

Rectangle

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



204.8250, 2.2910, 8.0430



205.5290, 14.8080, 6.9680



201.1750, -2.2910, -8.0430



200.1720, -15.4040, -7.1800

Sweetspot

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



204.8250, 2.2910, 8.0430



251.7660, 0.7790, 2.4030



203.2860, -6.5570, 3.1950



125.9400, 0.2290, 1.3570



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.



204.8250, 2.2910, 8.0430



240.0040, 3.3450, 10.9690



205.5650, 5.9590, 7.6470



99.9450, 1.8330, 5.3290



58.6630, 23.1850, 80.9530



14.7690, 5.8650, 20.3690

Inverse Universe

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



204.5390, 8.8480, 4.8480



239.4470, 12.1030, 6.4310



209.4350, -5.9590, -7.6470



99.6310, 5.5930, 3.2650



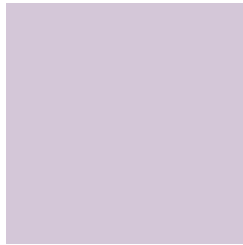
55.6890, 89.0760, 48.6920



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 204.8250, 2.2910, 8.0430 looks on a white background.

Color Contrast Check

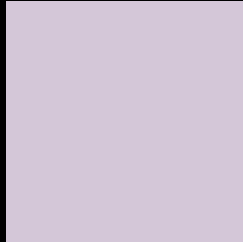
Large Text (above 18pt) WCAG AA × Fail

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 204.8250, 2.2910, 8.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

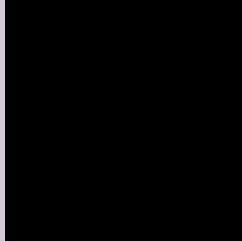
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.8250, 2.2910, 8.0430

Background



This preview shows how black text looks on a background with the YIQ color 204.8250, 2.2910, 8.0430.

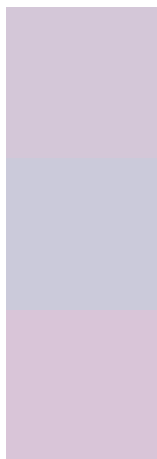


This preview shows how white text looks on a background with the YIQ color 204.8250, 2.2910,

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

204.8250, 2.2910, 8.0430

Protanopia

204.1230, -4.5400, 5.1880

Deuteranopia

205.1460, 5.8210, 10.1490



Tritanopia

204.7110, 2.6120, 7.7320

Trichromacy



Original Color

204.8250, 2.2910, 8.0430

Protanomaly

204.3190, -2.1560, 6.0360

Deuteranomaly

205.1350, 4.3540, 9.2020

Tritanomaly

204.7110, 2.6120, 7.7320

Monochromacy



Original Color

204.8250, 2.2910, 8.0430

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8250, 2.2910, 8.0430 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(212, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 216)  
}
```

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(212, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 216) }
```

Border

The CSS property to change the border of an element to YIQ 204.8250, 2.2910, 8.0430 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(212, 199, 216) }
```


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

```
.border{ border-color:rgb(212, 199, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 199, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 199, 216); box-shadow:4px 4px 4px 4px rgb(212, 199, 216) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8250, 2.2910, 8.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 216) }
```

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

```
.background{ background-color: rgb(212,  
199, 216) }
```

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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