

Converting Colors

YIQ(204.3280, 10.8200, 2.1480)

Have a look what the booklet for
YIQ(204.3280, 10.8200, 2.1480)
contains.

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Color

**YIQ(204.3280, 10.8200,
2.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C8C4
RGB	216, 200, 196
RGB Percent	85%, 78%, 77%
CMY	0.1529, 0.2157, 0.2313
CMYK	0.00, 0.07, 0.09, 0.15
HSL	12°, 20%, 81%
HSV	12°, 9%, 85%
XYZ	58.9394, 59.8918, 60.6854
YIQ	204.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

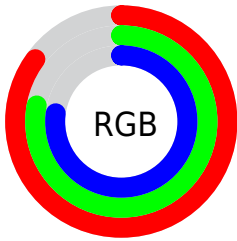
Format	Color
R _Y B	216, 201, 196
Decimal	14207172
CIE Lab	81.78, 4.91, 3.99
CIE LCh	82, 6.332, 39.113
Yxy	59.8918, 0.3283, 0.3336
Android (android.graphics.Color)	4292397252 (0xFFD8C8C4)
YUV	204.3280, -4.1057, 10.2363
Hunter-Lab	77.3898, 0.5120, 7.6805

Details

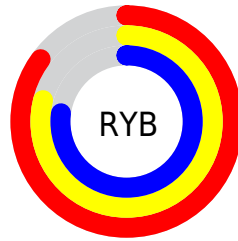
The YIQ color $204.3280, 10.8200, 2.1480$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.6720, -10.8200, -2.1480$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7720, 0.6420, -0.6220$, and $150.0290, 10.2240, 1.9360$ is the 20% darker color. If you saturate the color by 10%, you get $191.8410, 22.5570, 4.1970$, and if you desaturate by 10%, it is $216.8150, -0.9170, 0.0990$.

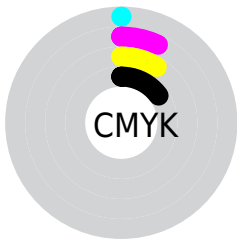
Distribution



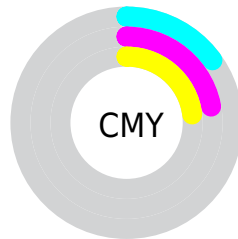
- Red (85%)
- Green (78%)
- Blue (77%)



- Red (85%)
- Yellow (79%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3280, 10.8200, 2.1480 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 204.3280, 10.8200, 2.1480 by changing the saturation by 10% instead.

■ 204.3280, 10.8200,
2.1480

■ 204.3280, 10.8200,
2.1480

255.0000, -0.0000,
-0.0000

■ 177.0290, 10.2240,
1.9360

254.7720, 0.6420,
-0.6220

■ 150.0290, 10.2240,
1.9360

■ 124.1430, 9.9030,
2.2470

■ 99.4310, 9.0320,
1.5120

■ 75.5450, 8.7110,
1.8230

■ 53.1320, 8.4360,
1.3000

■ 31.9470, 7.5190,

1.3990

■ 7.1540, 11.3700,
3.1940

■ 0.0000, 0.0000,
0.0000

■ 204.3280, 10.8200,
2.1480

■ 204.3280, 10.8200,
2.1480

■ 191.8410, 22.5570,
4.1970

■ 216.8150, -0.9170,
0.0990

■ 178.8810, 34.2480,
7.0800

■ 229.7750,
-12.6080, -2.7840

■ 166.3940, 45.9850,
9.1290

■ 241.5780,
-22.4190, -6.6990

■ 154.0210, 57.4010,
11.4890

■ 243.3390,
-23.2440, -8.2680

■ 141.5340, 69.1380,
13.5380

■ 128.4600, 81.1500,
16.1100

■ 116.0870, 92.5660,
18.4700

■ 103.6000,
104.3030, 20.5190

■ 90.6400, 115.9940,
23.4020

Harmonies

Analogous

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



204.4250, 9.1690, 4.5370



204.3280, 10.8200, 2.1480



203.2630, 9.4450, -0.4670

Triad

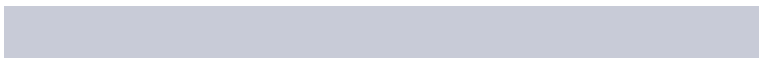
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204.3280, 10.8200, 2.1480



201.9020, -5.7760, -5.4560



203.4710, -5.6400, 3.0960

Complementary

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



204.3280, 10.8200, 2.1480



207.6720, -10.8200, -2.1480

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.



202.4380, -10.0410, 0.2550



204.3280, 10.8200, 2.1480



201.6890, -9.4900, -4.2260

Square

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



204.3280, 10.8200, 2.1480



202.2510, 0.5510, -4.4810



201.3730, -11.4160, -2.3600



204.0480, 0.0450, 4.6930

Rectangle

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



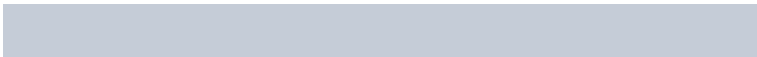
204.3280, 10.8200, 2.1480



203.5400, 7.1070, -2.1490



201.3730, -11.4160, -2.3600



203.1610, -7.7030, 1.9370

Sweetspot

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



204.3280, 10.8200, 2.1480



250.5660, 4.2180, 0.6500



203.8040, 6.7840, 9.2160



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



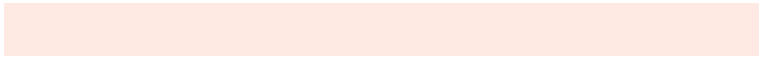
128.0000, -0.0000, -0.0000

Same Dimension

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



204.3280, 10.8200, 2.1480



238.8940, 15.0380, 2.7980



210.1980, 8.0700, -3.0820



101.0500, 5.7310, 0.7630



71.0870, 92.5660, 18.4700



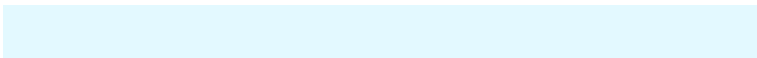
18.1400, 23.1530, 4.4090

Inverse Universe

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



207.6720, -10.8200, -2.1480



243.1060, -15.0380, -2.7980



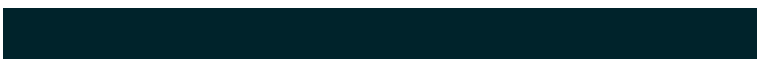
201.8020, -8.0700, 3.0820



102.5370, -6.0060, -1.2860



99.9130, -92.5660, -18.4700



25.4470, -23.4280, -4.9320

Previews

White Background



This preview shows how the YIQ color 204.3280, 10.8200, 2.1480 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 204.3280, 10.8200, 2.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

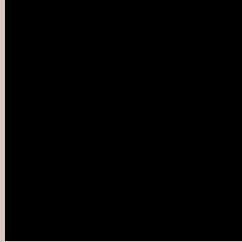
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.3280, 10.8200, 2.1480

Background



This preview shows how black text looks on a background with the YIQ color 204.3280, 10.8200, 2.1480.



This preview shows how white text looks on a background with the YIQ color 204.3280, 10.8200,

2.1480.

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

204.3280, 10.8200, 2.1480

Protanopia

203.2240, 5.1810, -0.2830

Deuteranopia

205.3720, 16.6880, 5.9360



Tritanopia

205.1030, 7.3800, 9.4280

Trichromacy



Original Color

204.3280, 10.8200, 2.1480

Protanomaly

203.5340, 7.2440, 0.8760

Deuteranomaly

205.0620, 14.6250, 4.7770

Tritanomaly

204.7070, 8.4350, 6.8270

Monochromacy



Original Color

204.3280, 10.8200, 2.1480

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3280, 10.8200, 2.1480 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(216, 200, 196)` looks like.

```
.text, #text, p{  
    color:rgb(216, 200, 196)  
}
```

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(216, 200, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 200, 196) }
```

Border

The CSS property to change the border of an element to YIQ 204.3280, 10.8200, 2.1480 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(216, 200, 196) }
```


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

```
.border{ border-color:rgb(216, 200, 196) }
```

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

Here you see how a box with a 4 pixel rgb(216, 200, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 200, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 200, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 200,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3280, 10.8200, 2.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 200, 196) }
```

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

```
.background{ background-color: rgb(216,  
200, 196) }
```

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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