

Converting Colors

YIQ(204.0610, 7.1980, 1.7100)

Have a look what the booklet for
YIQ(204.0610, 7.1980, 1.7100)
contains.

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Color

**YIQ(204.0610, 7.1980,
1.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C9C7
RGB	212, 201, 199
RGB Percent	83%, 79%, 78%
CMY	0.1686, 0.2118, 0.2196
CMYK	0.00, 0.05, 0.06, 0.17
HSL	9°, 13%, 81%
HSV	9°, 6%, 83%
XYZ	58.3485, 59.8930, 62.5227
YIQ	204.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

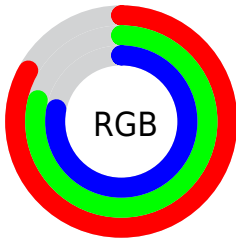
Format	Color
R _Y B	212, 201, 199
Decimal	13945287
CIE Lab	81.78, 3.48, 2.35
CIE LCh	82, 4.200, 34.040
Yxy	59.8930, 0.3228, 0.3313
Android (android.graphics.Color)	4292135367 (0xFFD4C9C7)
YUV	204.0610, -2.4951, 6.9625
Hunter-Lab	77.3906, -0.8538, 6.2739

Details

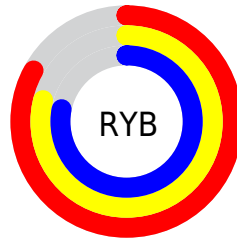
The YIQ color **204.0610, 7.1980, 1.7100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206.9390, -7.1980, -1.7100**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **149.7620, 6.6020, 1.4980** is the 20% darker color. If you saturate the color by 10%, you get **191.1010, 18.8890, 4.5930**, and if you desaturate by 10%, it is **217.0210, -4.4930, -1.1730**.

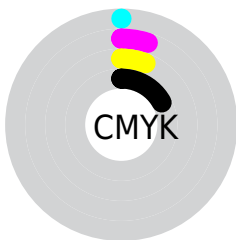
Distribution



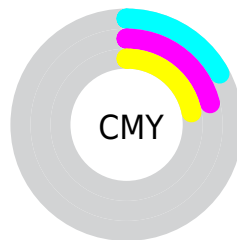
- Red (83%)
- Green (79%)
- Blue (78%)



- Red (83%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.0610, 7.1980, 1.7100 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 204.0610, 7.1980, 1.7100 by changing the saturation by 10% instead.

■ 204.0610, 7.1980,
1.7100

■ 204.0610, 7.1980,
1.7100

255.0000, -0.0000,
-0.0000

■ 176.7620, 6.6020,
1.4980

■ 149.7620, 6.6020,
1.4980

■ 123.8760, 6.2810,
1.8090

■ 99.4630, 6.0060,
1.2860

■ 75.4630, 6.0060,
1.2860

■ 52.5770, 5.6850,
1.5970

■ 31.2780, 5.0890,

1.3850

■ 7.5450, 8.7110,
1.8230

■ 0.0000, 0.0000,
0.0000

■ 204.0610, 7.1980,
1.7100

■ 204.0610, 7.1980,
1.7100

■ 191.1010, 18.8890,
4.5930

■ 217.0210, -4.4930,
-1.1730

■ 178.1410, 30.5800,
7.4760

■ 229.9810,
-16.1840, -4.0560

■ 165.0670, 42.5920,
10.0480

■ 242.1430,
-25.6280, -9.1160

■ 152.1070, 54.2830,
12.9310

■ 139.1470, 65.9740,
15.8140

■ 126.1870, 77.6650,
18.6970

■ 113.2270, 89.3560,
21.5800

■ 100.1530,
101.3680, 24.1520

■ 87.1930, 113.0590,
27.0350

Harmonies

Analogous

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



204.5170, 5.9140, 2.9540



204.0610, 7.1980, 1.7100



203.7080, 6.6940, -0.1700

Triad

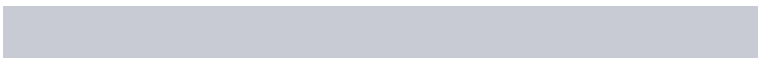
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204.0610, 7.1980, 1.7100



202.0380, -3.1630, -3.2510



203.0150, -4.3560, 1.8520

Complementary

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



204.0610, 7.1980, 1.7100



206.9390, -7.1980, -1.7100

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.



202.8790, -6.9690, -0.3530



204.0610, 7.1980, 1.7100



202.4830, -5.9140, -2.9540

Square

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



204.0610, 7.1980, 1.7100



202.6040, 1.0550, -2.6010



201.9390, -7.1980, -1.7100



203.8090, -0.7800, 3.1240

Rectangle

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



204.0610, 7.1980, 1.7100



203.6970, 5.2270, -1.1170



201.9390, -7.1980, -1.7100



203.3030, -5.2270, 1.1170

Sweetspot

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



204.0610, 7.1980, 1.7100



252.0820, 2.7050, 0.5370



204.1410, 4.2170, 6.1770



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



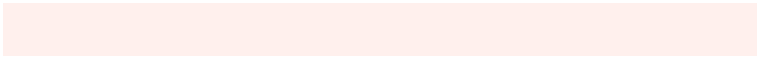
128.0000, -0.0000, -0.0000

Same Dimension

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



204.0610, 7.1980, 1.7100



244.1430, 9.9030, 2.2470



207.5830, 5.5480, -1.4280



101.9790, 4.4930, 1.1730



66.3910, 94.7660, 22.6540



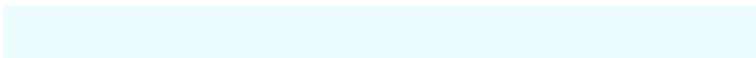
16.9660, 23.7030, 5.4550

Inverse Universe

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



206.9390, -7.1980, -1.7100



247.8570, -9.9030, -2.2470



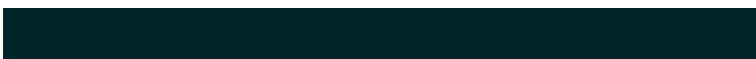
203.4170, -5.5480, 1.4280



104.0210, -4.4930, -1.1730



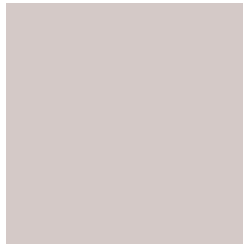
104.6090, -94.7660, -22.6540



26.6210, -23.9780, -5.9780

Previews

White Background



This preview shows how the YIQ color 204.0610, 7.1980, 1.7100 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 204.0610, 7.1980, 1.7100 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 204.0610, 7.1980, 1.7100

Background



This preview shows how black text looks on a background with the YIQ color 204.0610, 7.1980, 1.7100.



This preview shows how white text looks on a background with the YIQ color 204.0610, 7.1980,

1.7100.

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

204.0610, 7.1980, 1.7100

Protanopia

203.5660, 4.2180, 0.6500

Deuteranopia

205.4150, 15.1290, 6.6570



Tritanopia

205.1950, 4.1250, 7.8450

Trichromacy



Original Color

204.0610, 7.1980, 1.7100

Protanomaly

203.8650, 4.8140, 0.8620

Deuteranomaly

204.8060, 12.4700, 5.2860

Tritanomaly

204.9130, 4.8590, 5.5550

Monochromacy



Original Color

204.0610, 7.1980, 1.7100

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.0610, 7.1980, 1.7100 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, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 199)  
}
```

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, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 199) }
```

Border

The CSS property to change the border of an element to YIQ 204.0610, 7.1980, 1.7100 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, 201, 199) }
```


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

```
.border{ border-color:rgb(212, 201, 199) }
```

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

Here you see how a box with a 4 pixel rgb(212, 201, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 204.0610, 7.1980, 1.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 199) }
```

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

```
.background{ background-color: rgb(212,  
201, 199) }
```

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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