

Converting Colors

YIQ(204.2080, 11.2780, 4.8620)

Have a look what the booklet for
YIQ(204.2080, 11.2780, 4.8620)
contains.

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Color

**YIQ(204.2080, 11.2780,
4.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC6C8
RGB	218, 198, 200
RGB Percent	85%, 78%, 78%
CMY	0.1450, 0.2235, 0.2156
CMYK	0.00, 0.09, 0.08, 0.15
HSL	354°, 21%, 82%
HSV	354°, 9%, 85%
XYZ	59.5359, 59.4623, 62.9898
YIQ	204.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

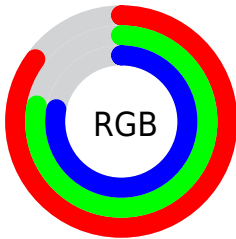
Format	Color
R _Y B	218, 198, 200
Decimal	14337736
CIE Lab	81.55, 7.36, 1.53
CIE LCh	82, 7.515, 11.772
Yxy	59.4623, 0.3271, 0.3267
Android (android.graphics.Color)	4292527816 (0xFFDAC6C8)
YUV	204.2080, -2.0745, 12.0956
Hunter-Lab	77.1118, 2.8693, 5.5464

Details

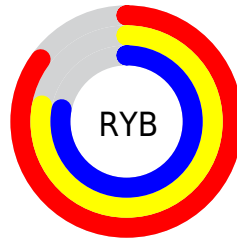
The YIQ color $204.2080, 11.2780, 4.8620$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $211.7920, -11.2780, -4.8620$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $149.9090, 10.6820, 4.6500$ is the 20% darker color. If you saturate the color by 10%, you get $189.0140, 23.7480, 10.1480$, and if you desaturate by 10%, it is $219.4020, -1.1920, -0.4240$.

Distribution



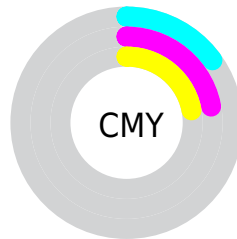
- Red (85%)
- Green (78%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.2080, 11.2780, 4.8620 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 204.2080, 11.2780, 4.8620 by changing the saturation by 10% instead.

■ 204.2080, 11.2780,
4.8620

■ 204.2080, 11.2780,
4.8620

255.0000, -0.0000,
-0.0000

■ 176.9090, 10.6820,
4.6500

■ 149.9090, 10.6820,
4.6500

■ 124.4960, 10.4070,
4.1270

■ 99.3110, 9.4900,
4.2260

■ 75.3110, 9.4900,
4.2260

■ 52.7130, 8.2980,
3.8020

■ 31.4140, 7.7020,

3.5900

■ 6.8060, 12.4700,
5.2860

■ 0.0000, 0.0000,
0.0000

■ 204.2080, 11.2780,
4.8620

■ 204.2080, 11.2780,
4.8620

■ 189.0140, 23.7480,
10.1480

■ 219.4020, -1.1920,
-0.4240

■ 173.9340, 35.8970,
15.7450

■ 234.4820,
-13.3410, -6.0210

■ 159.3270, 48.0920,
20.5080

■ 243.9370,
-22.0520, -7.8440

■ 144.2470, 60.2410,
26.1050

■ 129.0530, 72.7110,
31.3910

■ 113.8590, 85.1810,
36.6770

■ 98.7790, 97.3300,
42.2740

■ 84.1720, 109.5250,
47.0370

■ 69.0920, 121.6740,
52.6340

Harmonies

Analogous

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



203.8100, 6.6470, 6.1910



204.2080, 11.2780, 4.8620



203.8120, 12.3330, 2.2610

Triad

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



204.2080, 11.2780, 4.8620



201.1260, -0.5950, -5.7390



202.0680, -11.8750, 0.4530

Complementary

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



204.2080, 11.2780, 4.8620



211.7920, -11.2780, -4.8620

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.



200.7040, -13.8460, -2.3740



204.2080, 11.2780, 4.8620



200.8910, -7.2430, -6.4030

Square

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



204.2080, 11.2780, 4.8620



202.3010, 6.2820, -3.7180



200.4930, -11.8740, -5.0740



202.6990, -6.2820, 3.7180

Rectangle

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



204.2080, 11.2780, 4.8620



203.3450, 12.1500, 0.0700



200.4930, -11.8740, -5.0740



201.3560, -12.7460, -0.2820

Sweetspot

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



204.2080, 11.2780, 4.8620



249.5060, 4.4470, 2.0070



205.6620, 4.3080, 10.0360



123.9080, 3.2550, 1.5830



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.



204.2080, 11.2780, 4.8620



235.7140, 15.7250, 6.8690



208.6760, 9.7200, 0.0560



102.4030, 6.2350, 2.6430



53.6650, 97.6510, 41.9630



14.3240, 25.8110, 11.3070

Inverse Universe

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



204.2080, 11.2780, 4.8620



235.7140, 15.7250, 6.8690



207.3240, -9.7200, -0.0560



102.4030, 6.2350, 2.6430



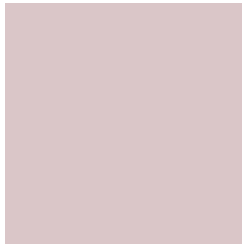
53.6650, 97.6510, 41.9630



14.3240, 25.8110, 11.3070

Previews

White Background



This preview shows how the YIQ color 204.2080, 11.2780, 4.8620 looks on a white background.

Color Contrast Check

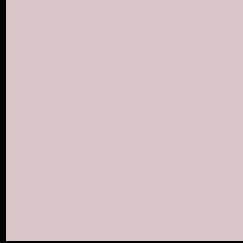
Large Text (above 18pt) WCAG AA × Fail

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 204.2080, 11.2780, 4.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

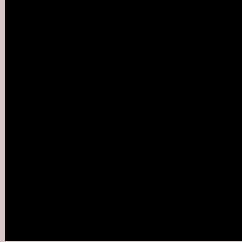
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.2080, 11.2780, 4.8620

Background



This preview shows how black text looks on a background with the YIQ color 204.2080, 11.2780, 4.8620.



This preview shows how white text looks on a background with the YIQ color 204.2080, 11.2780,

4.8620.

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

204.2080, 11.2780, 4.8620

Protanopia

203.1960, 2.3840, 0.8480

Deuteranopia

204.5290, 14.8080, 6.9680



Tritanopia

205.0000, 9.1680, 10.0640

Trichromacy



Original Color

204.2080, 11.2780, 4.8620

Protanomaly

203.6910, 5.3640, 1.9080

Deuteranomaly

204.5180, 13.3410, 6.0210

Tritanomaly

204.8320, 9.5810, 8.0850

Monochromacy



Original Color

204.2080, 11.2780, 4.8620

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2070, 3.8510, 1.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.2080, 11.2780, 4.8620 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(218, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 200)  
}
```

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(218, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 200) }
```

Border

The CSS property to change the border of an element to YIQ 204.2080, 11.2780, 4.8620 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(218, 198, 200) }
```


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

```
.border{ border-color:rgb(218, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 204.2080, 11.2780, 4.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 200) }
```

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

```
.background{ background-color: rgb(218,  
198, 200) }
```

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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