

Converting Colors

YIQ(205.7880, 20.9080, -4.4680)

Have a look what the booklet for
YIQ(205.7880, 20.9080, -4.4680)
contains.

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Color

**YIQ(205.7880, 20.9080,
-4.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCBAF
RGB	223, 203, 175
RGB Percent	87%, 80%, 69%
CMY	0.1255, 0.2039, 0.3136
CMYK	0.00, 0.09, 0.22, 0.13
HSL	35°, 43%, 78%
HSV	35°, 22%, 87%
XYZ	59.5282, 61.4933, 49.3031
YIQ	205.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

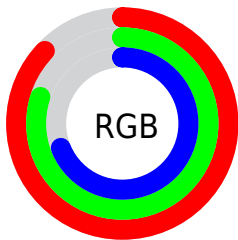
Format	Color
R _Y B	209, 223, 175
Decimal	14666671
CIE Lab	82.64, 2.60, 16.49
CIE LCh	83, 16.699, 81.027
Yxy	61.4933, 0.3495, 0.3610
Android (android.graphics.Color)	4292856751 (0xFFDFCBAF)
YUV	205.7880, -15.1785, 15.0949
Hunter-Lab	78.4176, -1.7284, 17.6153

Details

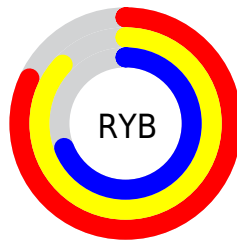
The YIQ color **205.7880, 20.9080, -4.4680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192.2120, -20.9080, 4.4680**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.2640, 7.7040, -7.4640**, and **151.3040, 19.3950, -4.5810** is the 20% darker color. If you saturate the color by 10%, you get **197.9970, 30.4450, -6.6030**, and if you desaturate by 10%, it is **213.5790, 11.3710, -2.3330**.

Distribution



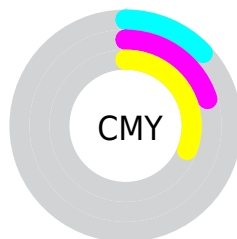
- Red (87%)
- Green (80%)
- Blue (69%)



- Red (82%)
- Yellow (87%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.7880, 20.9080, -4.4680 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 205.7880, 20.9080, -4.4680 by changing the saturation by 10% instead.

■ 205.7880, 20.9080,
-4.4680

■ 205.7880, 20.9080,
-4.4680

255.0000, -0.0000,
-0.0000

■ 178.4890, 20.3120,
-4.6800

■ 252.2640, 7.7040,
-7.4640

■ 151.3040, 19.3950,
-4.5810

■ 125.5320, 18.7530,
-3.9590

■ 100.3470, 17.8360,
-3.8600

■ 76.7490, 16.6440,
-4.2840

■ 53.6780, 15.4060,
-3.8740

■ 31.7380, 15.1770,

-5.2310

■ 9.7900, 9.3990,
0.3670

■ 0.0000, 0.0000,
0.0000

■ 205.7880, 20.9080,
-4.4680

■ 205.7880, 20.9080,
-4.4680

■ 197.9970, 30.4450,
-6.6030

■ 213.5790, 11.3710,
-2.3330

■ 189.5050, 40.5780,
-8.5260

■ 222.0710, 1.2380,
-0.4100

■ 181.7140, 50.1150,
-10.6610

■ 229.8620, -8.2990,
1.7250

■ 173.9230, 59.6520,
-12.7960

■ 236.6270,
-14.9470, 1.0610

■ 165.5450, 69.4640,
-14.4080

■ 242.4970,
-17.6970, -4.1690

■ 157.6400, 79.3220,
-16.8540

■ 245.4320,
-19.0720, -6.7840

■ 149.8490, 88.8590,
-18.9890

■ 142.9870, 97.1580,
-20.7140

Harmonies

Analogous

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



207.2390, 27.1880, 2.8680



205.7880, 20.9080, -4.4680



203.7540, 9.0800, -10.3760

Triad

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



205.7880, 20.9080, -4.4680



200.1640, -30.1210, -10.2890



208.3680, 5.3160, 13.7960

Complementary

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



205.7880, 20.9080, -4.4680



192.2120, -20.9080, 4.4680

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.



206.6480, -10.2720, 9.9520



205.7880, 20.9080, -4.4680



201.6680, -31.3600, -4.3520

Square

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



205.7880, 20.9080, -4.4680



200.7320, -20.2170, -13.5690



204.3040, -24.1630, 2.8850



208.7840, 18.7040, 13.4560

Rectangle

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



205.7880, 20.9080, -4.4680



202.6110, -0.8230, -12.6230



204.3040, -24.1630, 2.8850



208.0900, 0.2270, 12.4110

Sweetspot

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



205.7880, 20.9080, -4.4680



249.7680, 6.4650, -1.5270



191.7460, 21.8670, 16.7070



124.6260, 3.9890, -0.7070



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.



205.7880, 20.9080, -4.4680



231.0400, 28.8860, -5.8820



216.6310, 13.6200, -15.5640



108.3980, 4.6310, -1.3290



113.0850, 76.5710, -16.5570



30.7880, 20.9080, -4.4680

Inverse Universe

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



192.2120, -20.9080, 4.4680



212.3730, -28.6110, 6.4050



181.3690, -13.6200, 15.5640



105.1890, -4.9060, 0.8060



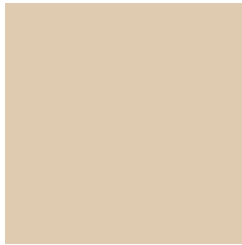
62.9150, -76.5710, 16.5570



17.2120, -20.9080, 4.4680

Previews

White Background



This preview shows how the YIQ color 205.7880, 20.9080, -4.4680 looks on a white background.

Color Contrast Check

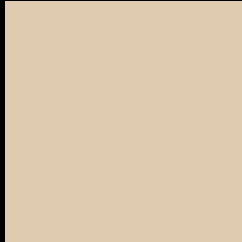
Large Text (above 18pt) WCAG AA × Fail

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 205.7880, 20.9080, -4.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

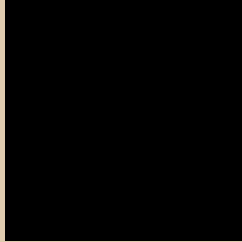
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.7880, 20.9080, -4.4680

Background



This preview shows how black text looks on a background with the YIQ color 205.7880, 20.9080, -4.4680.



This preview shows how white text looks on a background with the YIQ color 205.7880, 20.9080, -4.4680.

-4.4680.

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

205.7880, 20.9080, -4.4680

Protanopia

204.9830, 15.8650, -6.6870

Deuteranopia

206.8540, 29.7100, 1.2140



Tritanopia

208.6800, 13.0650, 11.0250

Trichromacy



Original Color

205.7880, 20.9080, -4.4680

Protanomaly

205.2930, 17.9280, -5.5280

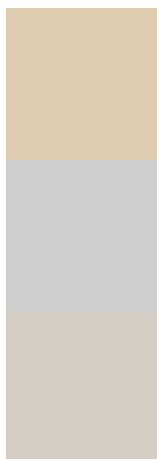
Deuteranomaly

206.5330, 26.1800, -0.8920

Tritanomaly

207.6600, 15.8170, 5.2010

Monochromacy



Original Color

205.7880, 20.9080, -4.4680

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9530, 7.3820, -1.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.7880, 20.9080, -4.4680 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(223, 203, 175)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 175)  
}
```

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(223, 203, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 175) }
```

Border

The CSS property to change the border of an element to YIQ 205.7880, 20.9080, -4.4680 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(223, 203, 175) }
```


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

```
.border{ border-color:rgb(223, 203, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 175);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 205.7880, 20.9080, -4.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 175) }
```

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

```
.background{ background-color: rgb(223,  
203, 175) }
```

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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