

Converting Colors

YIQ(208.0780, 8.5280, -0.3680)

Have a look what the booklet for
YIQ(208.0780, 8.5280, -0.3680)
contains.

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Color

**YIQ(208.0780, 8.5280,
-0.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CEC6
RGB	216, 206, 198
RGB Percent	85%, 81%, 78%
CMY	0.1529, 0.1922, 0.2235
CMYK	0.00, 0.05, 0.08, 0.15
HSL	27°, 19%, 81%
HSV	27°, 8%, 85%
XYZ	60.5848, 62.8179, 62.3642
YIQ	208.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

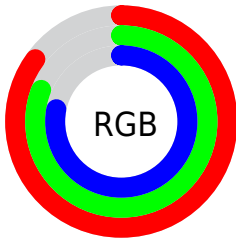
Format	Color
R _Y B	216, 212, 198
Decimal	14208710
CIE Lab	83.35, 2.09, 5.19
CIE LCh	83, 5.597, 68.081
Yxy	62.8179, 0.3261, 0.3382
Android (android.graphics.Color)	4292398790 (0xFFD8CEC6)
YUV	208.0780, -4.9685, 6.9476
Hunter-Lab	79.2578, -2.2552, 8.8280

Details

The YIQ color $208.0780, 8.5280, -0.3680$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.9220, -8.5280, 0.3680$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.7790, 7.9320, -0.5800$ is the 20% darker color. If you saturate the color by 10%, you get $198.5260, 18.8900, -0.9340$, and if you desaturate by 10%, it is $217.6300, -1.8340, 0.1980$.

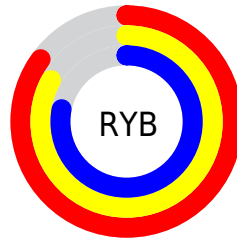
Distribution



Red (85%)

Green (81%)

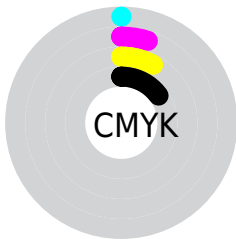
Blue (78%)



Red (85%)

Yellow (83%)

Blue (78%)

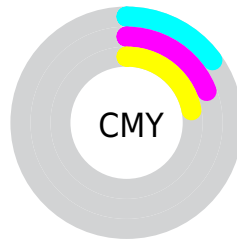


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.0780, 8.5280, -0.3680 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 208.0780, 8.5280, -0.3680 by changing the saturation by 10% instead.

■ 208.0780, 8.5280,
-0.3680

■ 208.0780, 8.5280,
-0.3680

255.0000, -0.0000,
-0.0000

■ 180.7790, 7.9320,
-0.5800

■ 153.7790, 7.9320,
-0.5800

■ 127.8930, 7.6110,
-0.2690

■ 102.8930, 7.6110,
-0.2690

■ 78.5940, 7.0150,
-0.4810

■ 55.7080, 6.6940,
-0.1700

■ 34.4090, 6.0980,

-0.3820

■ 11.8500, 9.1700,
-0.9900

■ 0.0000, 0.0000,
0.0000

■ 208.0780, 8.5280,
-0.3680

■ 208.0780, 8.5280,
-0.3680

■ 198.5260, 18.8900,
-0.9340

■ 217.6300, -1.8340,
0.1980

■ 189.0880, 28.9310,
-1.1890

■ 227.0680,
-11.8750, 0.4530

■ 179.5360, 39.2930,
-1.7550

■ 235.7080,
-19.6690, -1.4690

■ 170.0980, 49.3340,
-2.0100

■ 242.7520,
-22.9690, -7.7450

■ 160.5460, 59.6960,
-2.5760

■ 243.3390,
-23.2440, -8.2680

■ 150.9940, 70.0580,
-3.1420

■ 141.5560, 80.0990,
-3.3970

■ 132.0040, 90.4610,
-3.9630

■ 122.5660,
100.5020, -4.2180

Harmonies

Analogous

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



208.7300, 9.6280, 1.7240



208.0780, 8.5280, -0.3680



207.6430, 5.3190, -2.7850

Triad

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



208.0780, 8.5280, -0.3680



206.2870, -8.2980, -3.8020



208.6350, -0.2300, 4.1700

Complementary

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



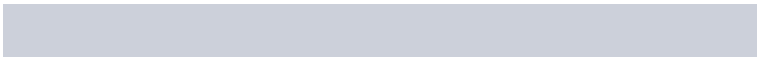
208.0780, 8.5280, -0.3680



205.9220, -8.5280, 0.3680

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.



207.9440, -5.5940, 2.2620



208.0780, 8.5280, -0.3680



205.9710, -10.2240, -1.9360

Square

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



208.0780, 8.5280, -0.3680



206.6140, -4.9050, -4.7210



206.9220, -8.5280, 0.3680



209.0870, 4.3090, 4.5090

Rectangle

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



208.0780, 8.5280, -0.3680



207.1480, 2.3390, -3.8450



206.9220, -8.5280, 0.3680



207.8520, -2.3390, 3.8450

Sweetspot

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



208.0780, 8.5280, -0.3680



252.6690, 2.4300, 0.0140



204.5220, 7.5180, 6.9260



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



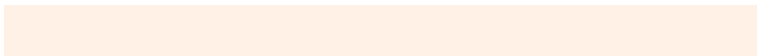
128.0000, -0.0000, -0.0000

Same Dimension

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



208.0780, 8.5280, -0.3680



243.9320, 11.8750, -0.4530



213.3610, 6.0530, -5.0750



102.2240, 5.1810, -0.2830



95.7410, 81.0160, -3.4960



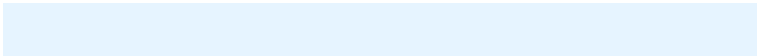
24.0100, 20.4030, -0.8210

Inverse Universe

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



205.9220, -8.5280, 0.3680



241.0680, -11.8750, 0.4530



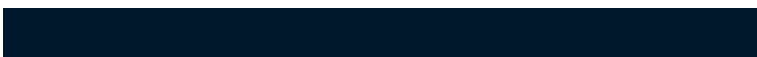
200.6390, -6.0530, 5.0750



100.7760, -5.1810, 0.2830



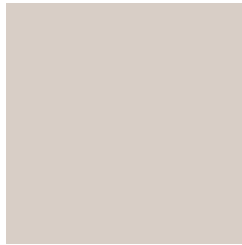
75.2590, -81.0160, 3.4960



18.9900, -20.4030, 0.8210

Previews

White Background



This preview shows how the YIQ color 208.0780, 8.5280, -0.3680 looks on a white background.

Color Contrast Check

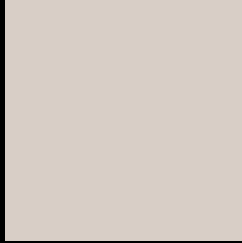
Large Text (above 18pt) WCAG AA × Fail

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 208.0780, 8.5280, -0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

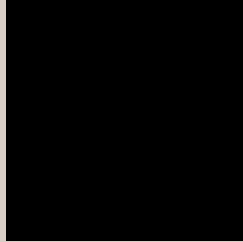
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

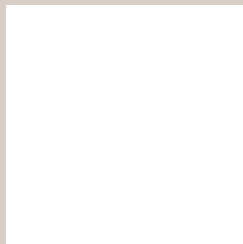
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.0780, 8.5280, -0.3680

Background



This preview shows how black text looks on a background with the YIQ color 208.0780, 8.5280, -0.3680.



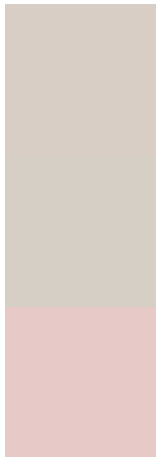
This preview shows how white text looks on a background with the YIQ color 208.0780, 8.5280, -0.3680.

-0.3680.

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

208.0780, 8.5280, -0.3680

Protanopia

207.7680, 6.4650, -1.5270

Deuteranopia

209.7420, 18.5220, 5.7380



Tritanopia

209.6080, 4.4000, 8.3680

Trichromacy



Original Color

208.0780, 8.5280, -0.3680

Protanomaly

208.0670, 7.0610, -1.3150

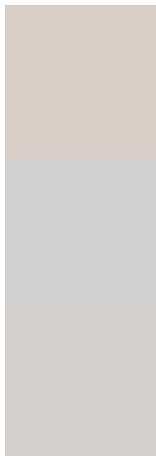
Deuteranomaly

209.4210, 14.9920, 3.6320

Tritanomaly

208.9840, 6.0970, 5.1450

Monochromacy



Original Color

208.0780, 8.5280, -0.3680

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.0780, 8.5280, -0.3680 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, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 198)  
}
```

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, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 198) }
```

Border

The CSS property to change the border of an element to YIQ 208.0780, 8.5280, -0.3680 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, 206, 198) }
```


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

```
.border{ border-color:rgb(216, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 206, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 206, 198); box-shadow:4px 4px 4px 4px rgb(216, 206, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 208.0780, 8.5280, -0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 198) }
```

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

```
.background{ background-color: rgb(216,  
206, 198) }
```

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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