

Converting Colors

YIQ(201.0780, 8.5280, -0.3680)

Have a look what the booklet for
YIQ(201.0780, 8.5280, -0.3680)
contains.

YIQ(201.0780, 8.5280, -0.3680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(201.0780, 8.5280,
-0.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7BF
RGB	209, 199, 191
RGB Percent	82%, 78%, 75%
CMY	0.1804, 0.2196, 0.2509
CMYK	0.00, 0.05, 0.09, 0.18
HSL	27°, 16%, 78%
HSV	27°, 9%, 82%
XYZ	56.1234, 58.1630, 57.5647
YIQ	201.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

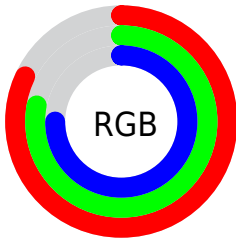
Format	Color
R_{YB}	209, 205, 191
Decimal	13748159
CIE Lab	80.83, 2.11, 5.23
CIE LCh	81, 5.636, 68.054
Yxy	58.1630, 0.3266, 0.3384
Android (android.graphics.Color)	4291938239 (0xFFD1C7BF)
YUV	201.0780, -4.9685, 6.9476
Hunter-Lab	76.2646, -2.1044, 8.6331

Details

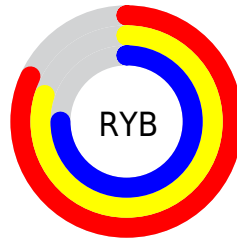
The YIQ color $201.0780, 8.5280, -0.3680$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.9220, -8.5280, 0.3680$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $147.1920, 8.2070, -0.0570$ is the 20% darker color. If you saturate the color by 10%, you get $191.6400, 18.5690, -0.6230$, and if you desaturate by 10%, it is $210.5160, -1.5130, -0.1130$.

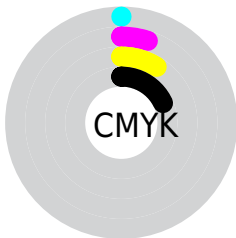
Distribution



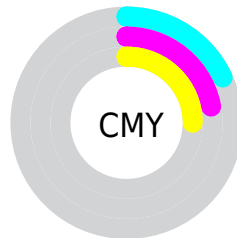
- Red (82%)
- Green (78%)
- Blue (75%)



- Red (82%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0780, 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 201.0780, 8.5280, -0.3680 by changing the saturation by 10% instead.

■ 201.0780, 8.5280,
-0.3680

■ 201.0780, 8.5280,
-0.3680

255.0000, -0.0000,
-0.0000

■ 173.7790, 7.9320,
-0.5800

■ 254.0880, 2.5680,
-2.4880

■ 147.1920, 8.2070,
-0.0570

■ 121.7790, 7.9320,
-0.5800

■ 96.5940, 7.0150,
-0.4810

■ 72.7080, 6.6940,
-0.1700

■ 50.4090, 6.0980,
-0.3820

■ 29.4090, 6.0980,

-0.3820

■ 3.5770, 5.6850,
1.5970

■ 0.0000, 0.0000,
0.0000

■ 201.0780, 8.5280,
-0.3680

■ 201.0780, 8.5280,
-0.3680

■ 191.6400, 18.5690,
-0.6230

■ 210.5160, -1.5130,
-0.1130

■ 182.7890, 28.3350,
-1.4010

■ 219.3670,
-11.2790, 0.6650

■ 173.3510, 38.3760,
-1.6560

■ 228.8050,
-21.3200, 0.9200

■ 164.5000, 48.1420,
-2.4340

■ 235.3760,
-24.6660, -4.5220

■ 155.1760, 57.8620,
-2.3780

■ 241.2460,
-27.4160, -9.7520

■ 145.7380, 67.9030,
-2.6330

■ 136.8870, 77.6690,
-3.4110

■ 127.4490, 87.7100,
-3.6660

■ 118.0110, 97.7510,
-3.9210

Harmonies

Analogous

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



201.7300, 9.6280, 1.7240



201.0780, 8.5280, -0.3680



200.6430, 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.



201.0780, 8.5280, -0.3680



199.2870, -8.2980, -3.8020



201.6350, -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.



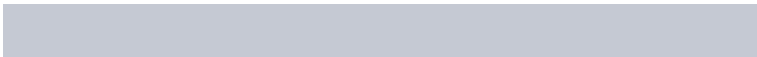
201.0780, 8.5280, -0.3680



198.9220, -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.



200.9440, -5.5940, 2.2620



201.0780, 8.5280, -0.3680



198.9710, -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.



201.0780, 8.5280, -0.3680



199.6140, -4.9050, -4.7210



199.6230, -9.1240, 0.1560



202.0870, 4.3090, 4.5090

Rectangle

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



201.0780, 8.5280, -0.3680



200.1480, 2.3390, -3.8450



199.6230, -9.1240, 0.1560



200.8520, -2.3390, 3.8450

Sweetspot

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



201.0780, 8.5280, -0.3680



251.7400, 3.6680, -0.3960



197.5220, 7.5180, 6.9260



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000



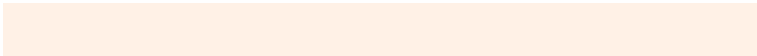
128.0000, -0.0000, -0.0000

Same Dimension

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



201.0780, 8.5280, -0.3680



243.9320, 11.8750, -0.4530



206.3610, 6.0530, -5.0750



100.2240, 5.1810, -0.2830



94.2570, 79.5030, -3.6090



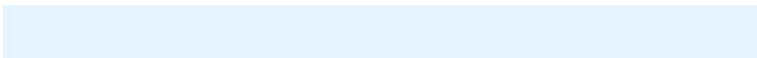
22.8250, 19.4860, -0.7220

Inverse Universe

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



198.9220, -8.5280, 0.3680



241.0680, -11.8750, 0.4530



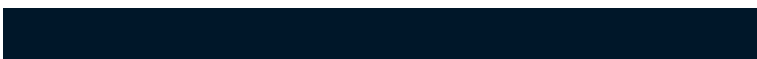
193.6390, -6.0530, 5.0750



98.7760, -5.1810, 0.2830



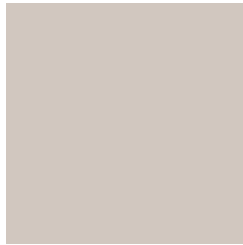
74.3300, -79.7780, 3.0860



18.1750, -19.4860, 0.7220

Previews

White Background



This preview shows how the YIQ color 201.0780, 8.5280, -0.3680 looks on a white background.

Color Contrast Check

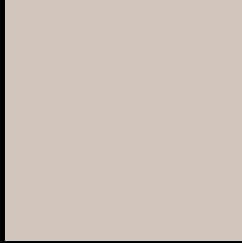
Large Text (above 18pt) WCAG AA × Fail

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 201.0780, 8.5280, -0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

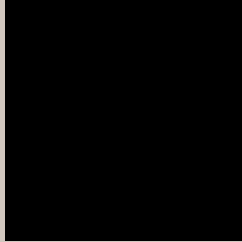
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

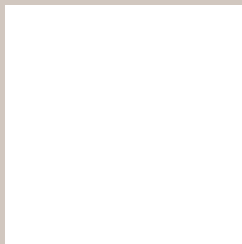
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.0780, 8.5280, -0.3680

Background



This preview shows how black text looks on a background with the YIQ color 201.0780, 8.5280, -0.3680.



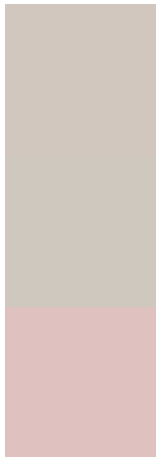
This preview shows how white text looks on a background with the YIQ color 201.0780, 8.5280,

-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

201.0780, 8.5280, -0.3680

Protanopia

200.7680, 6.4650, -1.5270

Deuteranopia

202.4430, 17.9260, 5.5260



Tritanopia

202.4940, 4.7210, 8.0570

Trichromacy



Original Color

201.0780, 8.5280, -0.3680

Protanomaly

201.0670, 7.0610, -1.3150

Deuteranomaly

202.1220, 14.3960, 3.4200

Tritanomaly

201.9840, 6.0970, 5.1450

Monochromacy



Original Color

201.0780, 8.5280, -0.3680

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0780, 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(209, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 191)  
}
```

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(209, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 191) }
```

Border

The CSS property to change the border of an element to YIQ 201.0780, 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(209, 199, 191) }
```


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

```
.border{ border-color:rgb(209, 199, 191) }
```

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

Here you see how a box with a 4 pixel rgb(209, 199, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0780, 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(209, 199, 191) }
```

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

```
.background{ background-color: rgb(209,  
199, 191) }
```

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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