

Converting Colors

YIQ(189.0000, 0.0000, 0.0000)

Have a look what the booklet for
YIQ(189.0000, 0.0000, 0.0000)
contains.

YIQ(189.0000, 0.0000, 0.0000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

**YIQ(189.0000, 0.0000,
0.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBDBD
RGB	189, 189, 189
RGB Percent	74%, 74%, 74%
CMY	0.2588, 0.2588, 0.2588
CMYK	0.00, 0.00, 0.00, 0.26
HSL	0°, 0%, 74%
HSV	121°, 0%, 74%
XYZ	48.3692, 50.8881, 55.4172
YIQ	189.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
RYB	189, 189, 189
Decimal	12434877
CIELab	76.61, 0.00, -0.01
CIELCh	77, 0.009, 296.813
Yxy	50.8881, 0.3127, 0.3290
Android (android.graphics.Color)	4290624957 (0xFFBDBDBD)
YUV	189.0000, 0.0000, 0.0000
Hunter-Lab	71.3359, -3.8063, 3.8758

Details

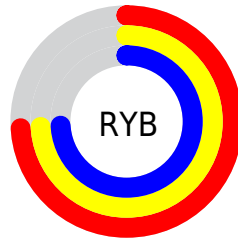
The YIQ color $189.0000, 0.0000, 0.0000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $189.0000, -0.0000, -0.0000$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.0000, -0.0000, 0.0000$, and $136.0000, -0.0000, 0.0000$ is the 20% darker color. If you saturate the color by 10%, you get $181.2670, -5.5460, -9.6260$, and if you desaturate by 10%, it is $196.7330, 5.5460, 9.6260$.

Distribution



- Red (74%)
- Green (74%)
- Blue (74%)



- Red (74%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.0000, 0.0000, 0.0000 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 189.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.

■ 189.0000, 0.0000,
0.0000

■ 189.0000, 0.0000,
0.0000

255.0000, -0.0000,
-0.0000

■ 162.0000, -0.0000,
0.0000

■ 245.0000, -0.0000,
0.0000

■ 136.0000, -0.0000,
0.0000

■ 110.0000, 0.0000,
0.0000

■ 86.0000, -0.0000,
-0.0000

■ 63.0000, 0.0000,
0.0000

■ 41.0000, 0.0000,
-0.0000

■ 21.0000, -0.0000,

-0.0000

■ 0.0000, 0.0000,
0.0000

■ 189.0000, 0.0000,
0.0000

■ 189.0000, 0.0000,
0.0000

■ 181.2670, -5.5460,
-9.6260

■ 196.7330, 5.5460,
9.6260

■ 173.4200,
-10.7710, -19.5630

■ 204.5800, 10.7710,
19.5630

■ 165.6870,
-16.3170, -29.1890

■ 212.3130, 16.3170,
29.1890

■ 157.8400,
-21.5420, -39.1260

■ 216.2580, 18.1500,
34.5180

■ 150.1070,
-27.0880, -48.7520

■ 142.5590,
-31.7170, -58.4770

■ 134.8260,
-37.2630, -68.1030

■ 126.9790,
-42.4880, -78.0400

■ 119.2460,
-48.0340, -87.6660

Harmonies

Analogous

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



189.0000, -0.0000, -0.0000



189.0000, 0.0000, 0.0000

Complementary

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



189.0000, 0.0000, 0.0000



189.0000, -0.0000, -0.0000

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.



189.0000, -0.0000, -0.0000



189.0000, 0.0000, 0.0000

Rectangle

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



189.0000, 0.0000, 0.0000



189.0000, -0.0000, -0.0000

Sweetspot

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



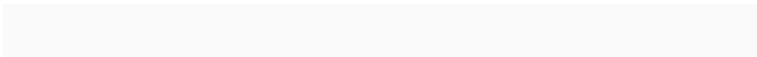
189.0000, -0.0000, -0.0000



245.0000, -0.0000, 0.0000



122.0000, 0.0000, -0.0000



250.0000, 0.0000, 0.0000

Same Dimension

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



189.0000, -0.0000, -0.0000



245.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000



93.2020, -44.7340, -81.3900



18.3110, -8.8460, -15.9020

Inverse Universe

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



189.0000, -0.0000, -0.0000



245.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000



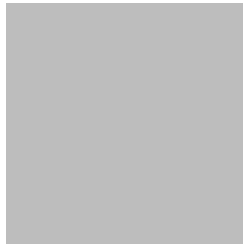
64.7980, 44.7340, 81.3900



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 189.0000, 0.0000, 0.0000 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 189.0000, 0.0000, 0.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

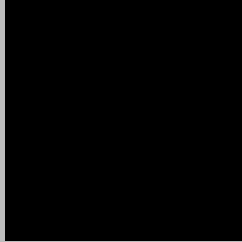
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

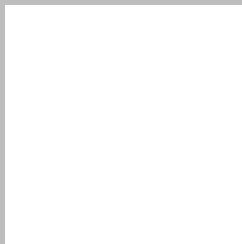
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.0000, 0.0000, 0.0000

Background



This preview shows how black text looks on a background with the YIQ color 189.0000, 0.0000, 0.0000.



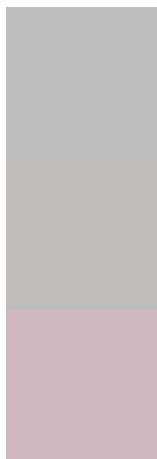
This preview shows how white text looks on a background with the YIQ color 189.0000, 0.0000,

0.0000.

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

189.0000, -0.0000, -0.0000

Protanopia

189.1960, 2.3840, 0.8480

Deuteranopia

190.6750, 11.4610, 7.0530



Tritanopia

189.9060, -2.4310, 5.5130

Trichromacy



Original Color

189.0000, -0.0000, -0.0000

Protanomaly

188.8970, 1.7880, 0.6360

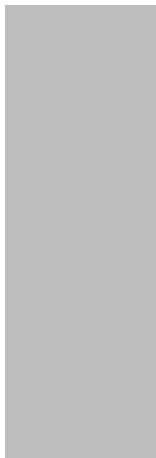
Deuteranomaly

190.0550, 7.3350, 4.7350

Tritanomaly

189.6240, -1.6970, 3.2230

Monochromacy



Original Color

189.0000, -0.0000, -0.0000

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0000, -0.0000, -0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.0000, 0.0000, 0.0000 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(189, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 189)  
}
```

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(189, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 189) }
```

Border

The CSS property to change the border of an element to YIQ 189.0000, 0.0000, 0.0000 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(189, 189, 189) }
```

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

```
.border{ border-color:rgb(189, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 189.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 189) }
```

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

```
.background{ background-color: rgb(189,  
189, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor