

Converting Colors

YIQ(188.9030, 1.6510, -2.3890)

Have a look what the booklet for
YIQ(188.9030, 1.6510, -2.3890)
contains.

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Color

**YIQ(188.9030, 1.6510,
-2.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBEB7
RGB	189, 190, 183
RGB Percent	74%, 75%, 72%
CMY	0.2588, 0.2549, 0.2823
CMYK	0.01, 0.00, 0.04, 0.25
HSL	69°, 5%, 73%
HSV	69°, 4%, 75%
XYZ	47.9469, 51.0647, 52.1308
YIQ	188.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

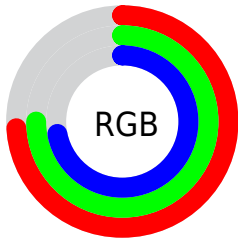
Format	Color
RYB	183, 190, 184
Decimal	12435127
CIELab	76.72, -1.62, 3.40
CIElCh	77, 3.765, 115.521
Yxy	51.0647, 0.3172, 0.3379
Android (android.graphics.Color)	4290625207 (0xFFBDBEB7)
YUV	188.9030, -2.9102, 0.0851
Hunter-Lab	71.4596, -5.2868, 6.7688

Details

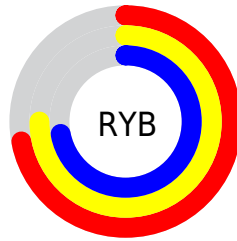
The YIQ color `188.9030, 1.6510, -2.3890` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `184.0970, -1.6510, 2.3890`, and the grayscale version is `189.0000, -0.0000, -0.0000`.

A 20% lighter version of the original color is `244.9030, 1.6510, -2.3890`, and `135.9030, 1.6510, -2.3890` is the 20% darker color. If you saturate the color by 10%, you get `185.8400, 5.9620, -8.9340`, and if you desaturate by 10%, it is `191.9660, -2.6600, 4.1560`.

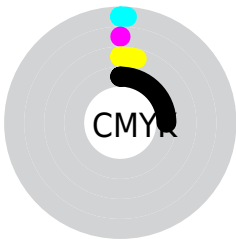
Distribution



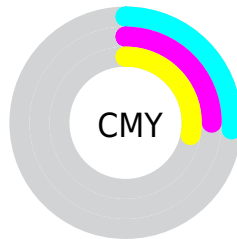
- Red (74%)
- Green (75%)
- Blue (72%)



- Red (72%)
- Yellow (75%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.9030, 1.6510, -2.3890 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 188.9030, 1.6510, -2.3890 by changing the saturation by 10% instead.

■ 188.9030, 1.6510,
-2.3890

■ 188.9030, 1.6510,
-2.3890

255.0000, -0.0000,
-0.0000

■ 161.9030, 1.6510,
-2.3890

■ 244.9030, 1.6510,
-2.3890

■ 135.9030, 1.6510,
-2.3890

■ 110.0170, 1.3300,
-2.0780

■ 86.0170, 1.3300,
-2.0780

■ 63.0170, 1.3300,
-2.0780

■ 41.0170, 1.3300,
-2.0780

■ 20.3160, 1.9260,

-1.8660

■ 0.0000, 0.0000,
0.0000

■ 188.9030, 1.6510,
-2.3890

■ 188.9030, 1.6510,
-2.3890

■ 185.8400, 5.9620,
-8.9340

■ 191.9660, -2.6600,
4.1560

■ 183.0760, 10.8690,
-15.2670

■ 194.7300, -7.5670,
10.4890

■ 180.0130, 15.1800,
-21.8120

■ 197.7930,
-11.8780, 17.0340

■ 176.9500, 19.4910,
-28.3570

■ 200.4000,
-14.9050, 22.3350

■ 173.8870, 23.8020,
-34.9020

■ 201.2970,
-13.1170, 22.9710

■ 171.1230, 28.7090,
-41.2350

■ 201.8950,
-11.9250, 23.3950

■ 168.0600, 33.0200,
-47.7800

■ 202.7920,
-10.1370, 24.0310

■ 164.9970, 37.3310,
-54.3250

■ 203.6890, -8.3490,
24.6670

■ 161.9340, 41.6420,
-60.8700

■ 204.5860, -6.5610,
25.3030

Harmonies

Analogous

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



189.3980, 4.6310, -1.3290



188.9030, 1.6510, -2.3890



188.5220, -1.6500, -3.1380

Triad

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



188.9030, 1.6510, -2.3890



188.7650, -6.6480, -0.6640



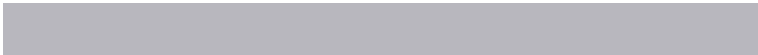
190.0330, 4.4010, 2.8410

Complementary

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



188.9030, 1.6510, -2.3890



184.0970, -1.6510, 2.3890

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.



190.0650, 1.3750, 2.6150



188.9030, 1.6510, -2.3890



189.1890, -4.9060, 0.8060

Square

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



188.9030, 1.6510, -2.3890



188.1240, -6.2810, -1.8090



189.7980, -2.2470, 2.1770



189.8760, 6.2810, 1.8090

Rectangle

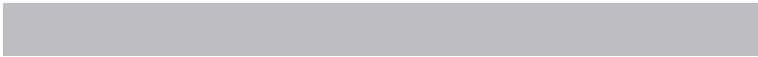
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.9030, 1.6510, -2.3890



188.1520, -3.4840, -2.9400



189.7980, -2.2470, 2.1770



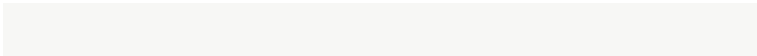
190.1470, 4.0800, 3.1520

Sweetspot

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



188.9030, 1.6510, -2.3890



246.7720, 0.6420, -0.6220



185.6800, 3.8970, 0.9610



124.8860, 0.3210, -0.3110



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



188.9030, 1.6510, -2.3890



245.5610, 2.6140, -3.3220



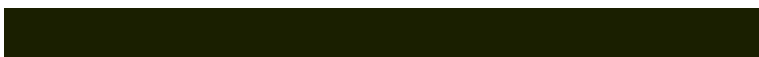
188.0060, -0.1370, -3.0250



93.5440, 1.2840, -1.2440



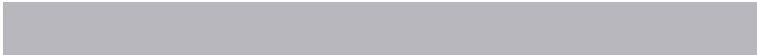
133.1110, 37.0100, -54.0140



25.9710, 6.9710, -10.7010

Inverse Universe

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



184.0970, -1.6510, 2.3890



238.7380, -2.0180, 3.5340



184.9940, 0.1370, 3.0250



90.4560, -1.2840, 1.2440



24.8890, -37.0100, 54.0140



4.7300, -7.5670, 10.4890

Previews

White Background



This preview shows how the YIQ color 188.9030, 1.6510, -2.3890 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 188.9030, 1.6510, -2.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

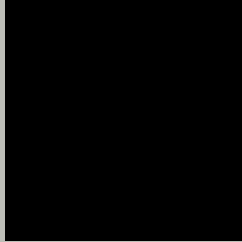
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.9030, 1.6510, -2.3890

Background



This preview shows how black text looks on a background with the YIQ color 188.9030, 1.6510, -2.3890.



This preview shows how white text looks on a background with the YIQ color 188.9030, 1.6510,

-2.3890.

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

188.9030, 1.6510, -2.3890

Protanopia

189.1100, 5.5020, -0.5940

Deuteranopia

190.8880, 15.1750, 5.8230



Tritanopia

190.2050, -1.8350, 5.7250

Trichromacy



Original Color

188.9030, 1.6510, -2.3890

Protanomaly

189.0990, 4.0350, -1.5410

Deuteranomaly

190.5560, 10.1780, 2.7700

Tritanomaly

189.6950, -0.4590, 2.8130

Monochromacy



Original Color

188.9030, 1.6510, -2.3890

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7720, 0.6420, -0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.9030, 1.6510, -2.3890 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, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 190, 183)  
}
```

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, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 190, 183) }
```

Border

The CSS property to change the border of an element to YIQ 188.9030, 1.6510, -2.3890 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, 190, 183) }
```


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

```
.border{ border-color:rgb(189, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 190, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 190, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 190,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 188.9030, 1.6510, -2.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 190, 183) }
```

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

```
.background{ background-color: rgb(189,  
190, 183) }
```

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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