

Converting Colors

YIQ(188.8970, 10.9560, 10.7000)

Have a look what the booklet for
YIQ(188.8970, 10.9560, 10.7000)
contains.

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Color

**YIQ(188.8970, 10.9560,
10.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB3C3
RGB	206, 179, 195
RGB Percent	81%, 70%, 76%
CMY	0.1921, 0.2981, 0.2353
CMYK	0.00, 0.13, 0.05, 0.19
HSL	324°, 22%, 75%
HSV	324°, 13%, 81%
XYZ	51.4279, 49.3007, 58.4399
YIQ	188.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

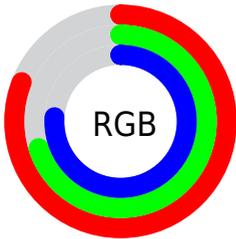
Format	Color
R _Y B	206, 179, 195
Decimal	13546435
CIE Lab	75.64, 12.44, -4.54
CIE LCh	76, 13.244, 339.961
Yxy	49.3007, 0.3231, 0.3097
Android (android.graphics.Color)	4291736515 (0xFFCEB3C3)
YUV	188.8970, 3.0088, 14.9993
Hunter-Lab	70.2144, 7.8654, -0.1973

Details

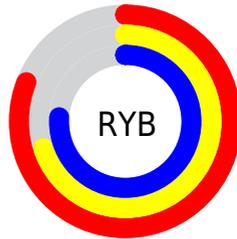
The YIQ color $188.8970, 10.9560, 10.7000$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $196.1030, -10.9560, -10.7000$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.9180, 6.4630, 9.5270$, and $135.4840, 10.6810, 10.1770$ is the 20% darker color. If you saturate the color by 10%, you get $175.6580, 19.2990, 19.1950$, and if you desaturate by 10%, it is $202.1360, 2.6130, 2.2050$.

Distribution



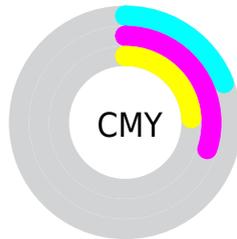
- Red (81%)
- Green (70%)
- Blue (76%)



- Red (81%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8970, 10.9560, 10.7000 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 188.8970, 10.9560, 10.7000 by changing the saturation by 10% instead.

■ 188.8970, 10.9560,
10.7000

■ 188.8970, 10.9560,
10.7000

■ 255.0000, -0.0000,
-0.0000

■ 161.5980, 10.3600,
10.4880

■ 242.9180, 6.4630,
9.5270

■ 135.4840, 10.6810,
10.1770

■ 110.1850, 10.0850,
9.9650

■ 85.4730, 9.2140,
9.2300

■ 62.1740, 8.6180,
9.0180

■ 40.4620, 7.7470,
8.2830

■ 18.8750, 8.0220,

8.8060

■ 0.0000, 0.0000,
0.0000

■ 188.8970, 10.9560,
10.7000

■ 188.8970, 10.9560,
10.7000

■ 175.6580, 19.2990,
19.1950

■ 202.1360, 2.6130,
2.2050

■ 162.8920, 27.6880,
26.8560

■ 214.9020, -5.7760,
-5.4560

■ 149.6530, 36.0310,
35.3510

■ 228.1410,
-14.1190, -13.9510

■ 136.8870, 44.4200,
43.0120

■ 237.3850,
-20.8580, -18.4740

■ 123.6480, 52.7630,
51.5070

■ 238.2970,
-23.4260, -15.9860

■ 110.4090, 61.1060,
60.0020

■ 239.2090,
-25.9940, -13.4980

■ 97.6430, 69.4950,
67.6630

■ 240.2350,
-28.8830, -10.6990

■ 84.4040, 77.8380,
76.1580

■ 240.3490,
-29.2040, -10.3880

■ 75.5020, 83.6140,
81.6140

Harmonies

Analogous

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



188.2100, -0.2310, 9.6970



188.8970, 10.9560, 10.7000



188.7360, 18.6590, 8.7630

Triad

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



188.8970, 10.9560, 10.7000



185.6450, 11.0050, -6.7150



182.9630, -24.9410, -5.0450

Complementary

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



188.8970, 10.9560, 10.7000



196.1030, -10.9560, -10.7000

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.



182.4810, -20.7680, -9.0880



188.8970, 10.9560, 10.7000



183.7900, 0.2310, -9.6970

Square

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



188.8970, 10.9560, 10.7000



187.1130, 18.6150, -1.4570



182.9180, -11.8730, -10.6010



184.3920, -21.5950, 0.3970

Rectangle

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



188.8970, 10.9560, 10.7000



188.4110, 20.9520, 5.7520



182.9180, -11.8730, -10.6010



182.2080, -24.2530, -6.5010

Sweetspot

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



188.8970, 10.9560, 10.7000



248.6740, 4.0340, 3.9860



185.3670, -2.1110, 10.7290



123.5490, 2.8880, 2.7280



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.



188.8970, 10.9560, 10.7000



228.9950, 16.7320, 16.1560



187.4150, 15.1290, 6.6570



95.6740, 4.0340, 3.9860



60.8060, 67.4780, 65.6700



13.9840, 15.2650, 15.2090

Inverse Universe

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



188.8970, 10.9560, 10.7000



228.9950, 16.7320, 16.1560



197.5850, -15.1290, -6.6570



95.6740, 4.0340, 3.9860



60.8060, 67.4780, 65.6700



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 188.8970, 10.9560, 10.7000 looks on a white background.

Color Contrast Check

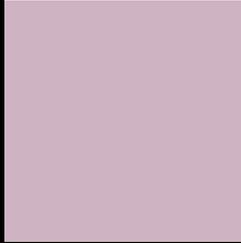
Large Text (above 18pt) WCAG AA × Fail

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 188.8970, 10.9560, 10.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

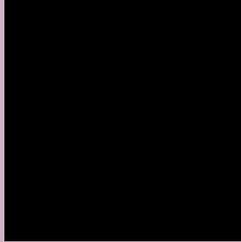
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

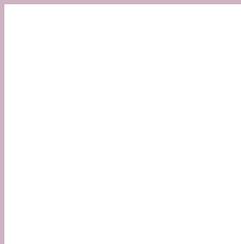
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.8970, 10.9560, 10.7000

Background



This preview shows how black text looks on a background with the YIQ color 188.8970, 10.9560, 10.7000.



This preview shows how white text looks on a background with the YIQ color 188.8970, 10.9560,

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

188.8970, 10.9560, 10.7000

Protanopia

186.8950, -3.8980, 4.5660

Deuteranopia

188.5760, 7.4260, 8.5940



Tritanopia

188.6690, 11.5980, 10.0780

Trichromacy



Original Color

188.8970, 10.9560, 10.7000

Protanomaly

187.7000, 1.1450, 6.7850

Deuteranomaly

188.5870, 8.8930, 9.5410

Tritanomaly

188.7830, 11.2770, 10.3890

Monochromacy



Original Color

188.8970, 10.9560, 10.7000

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.6740, 4.0340, 3.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8970, 10.9560, 10.7000 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(206, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(206, 179, 195)  
}
```

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(206, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 179, 195) }
```

Border

The CSS property to change the border of an element to YIQ 188.8970, 10.9560, 10.7000 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(206, 179, 195) }
```

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

```
.border{ border-color:rgb(206, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 179,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8970, 10.9560, 10.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 179, 195) }
```

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

```
.background{ background-color: rgb(206,  
179, 195) }
```

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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