

Converting Colors

YIQ(198.7070, -17.9280, 5.5280)

Have a look what the booklet for
YIQ(198.7070, -17.9280, 5.5280)
contains.

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Color

**YIQ(198.7070, -17.9280,
5.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C8E4
RGB	185, 200, 228
RGB Percent	73%, 78%, 89%
CMY	0.2745, 0.2156, 0.1060
CMYK	0.19, 0.12, 0.00, 0.11
HSL	219°, 44%, 81%
HSV	219°, 19%, 89%
XYZ	54.6625, 57.2253, 81.5461
YIQ	198.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

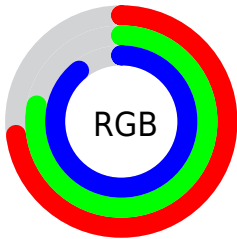
Format	Color
R_{YB}	185, 196, 228
Decimal	12175588
CIE _{Lab}	80.31, 0.69, -15.58
CIE _{LCh}	80, 15.596, 272.535
Yxy	57.2253, 0.2826, 0.2958
Android (android.graphics.Color)	4290365668 (0xFFB9C8E4)
YUV	198.7070, 14.4414, -12.0210
Hunter-Lab	75.6474, -3.3997, -10.9600

Details

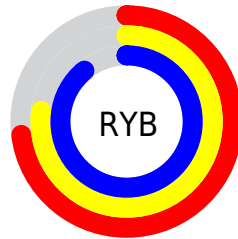
The YIQ color $198.7070, -17.9280, 5.5280$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $214.2930, 17.9280, -5.5280$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $144.5930, -17.6070, 5.2170$ is the 20% darker color. If you saturate the color by 10%, you get $183.0250, -27.5110, 8.4970$, and if you desaturate by 10%, it is $214.3890, -8.3450, 2.5590$.

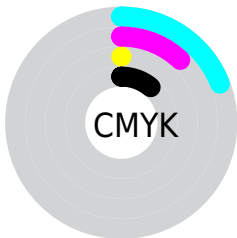
Distribution



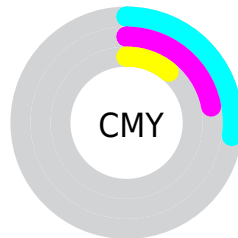
- Red (73%)
- Green (78%)
- Blue (89%)



- Red (73%)
- Yellow (77%)
- Blue (89%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7070, -17.9280, 5.5280 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 198.7070, -17.9280, 5.5280 by changing the saturation by 10% instead.

■ 198.7070,
-17.9280, 5.5280

■ 198.7070,
-17.9280, 5.5280

■ 255.0000, -0.0000,
-0.0000

■ 171.5930,
-17.6070, 5.2170

■ 250.8140, -8.3440,
-2.9680

■ 144.5930,
-17.6070, 5.2170

■ 118.7780,
-16.6900, 5.1180

■ 94.2510, -16.6440,
4.2840

■ 70.1370, -16.3230,
3.9730

■ 47.7240, -16.5980,
3.4500

■ 25.8980, -17.1480,

2.4040

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 198.7070,
-17.9280, 5.5280

■ 198.7070,
-17.9280, 5.5280

■ 183.0250,
-27.5110, 8.4970

■ 214.3890, -8.3450,
2.5590

■ 167.3430,
-37.0940, 11.4660

■ 230.0710, 1.2380,
-0.4100

■ 152.5470,
-46.3560, 14.1240

■ 245.4540, 10.2250,
-3.5910

■ 136.8650,
-55.9390, 17.0930

■ 251.9220, 8.6670,
-8.3970

■ 121.1830,
-65.5220, 20.0620

■ 105.5010,
-75.1050, 23.0310

■ 89.8190, -84.6880,
26.0000

■ 74.4360, -93.6750,
29.1810

■ 72.9520, -95.1880,
29.0680

Harmonies

Analogous

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



195.9290, -27.6010, -0.8890



198.7070, -17.9280, 5.5280



200.9970, -3.9450, 10.9270

Triad

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



198.7070, -17.9280, 5.5280



201.2760, 25.7660, 6.6140



194.9350, -10.5430, -12.6790

Complementary

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



198.7070, -17.9280, 5.5280



214.2930, 17.9280, -5.5280

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.



196.7040, 3.3490, -11.1390



198.7070, -17.9280, 5.5280



200.3910, 23.7040, -0.0720

Square

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



198.7070, -17.9280, 5.5280



201.9860, 20.9510, 11.2790



198.9830, 15.8650, -6.6870



194.2310, -23.0600, -11.6040

Rectangle

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



198.7070, -17.9280, 5.5280



201.7270, 5.6830, 12.6510



198.9830, 15.8650, -6.6870



195.9740, -6.2790, -12.8630

Sweetspot

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



198.7070, -17.9280, 5.5280



244.6450, -6.1900, 2.0500



213.4330, -20.8130, -13.7810



121.7870, -3.7140, 1.2300



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.



198.7070, -17.9280, 5.5280



215.0530, -24.7140, 7.3660



191.6960, -10.2270, 14.6450



106.7160, -4.9520, 1.6400



56.8000, -74.5090, 23.2430



16.3800, -21.3210, 6.4470

Inverse Universe

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



199.5670, 20.8130, 13.7810



216.0350, 28.4230, 19.0390



221.3040, 10.2270, -14.6450



107.0440, 5.8680, 3.7880



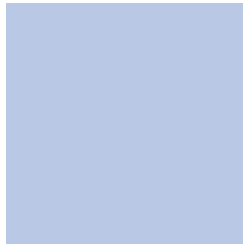
60.5890, 86.7820, 57.2300



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 198.7070, -17.9280, 5.5280 looks on a white background.

Color Contrast Check

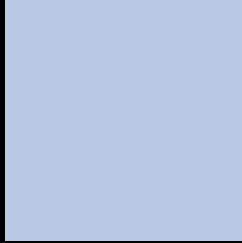
Large Text (above 18pt) WCAG AA × Fail

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 198.7070, -17.9280, 5.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

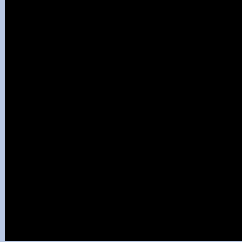
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.7070, -17.9280, 5.5280

Background



This preview shows how black text looks on a background with the YIQ color 198.7070, -17.9280, 5.5280.



This preview shows how white text looks on a background with the YIQ color 198.7070, -17.9280, 5.5280.

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

198.7070, -17.9280, 5.5280

Protanopia

199.4090, -11.0970, 8.3830

Deuteranopia

200.9800, -5.2750, 13.0050



Tritanopia

198.1430, -16.4600, 0.9480

Trichromacy



Original Color

198.7070, -17.9280, 5.5280

Protanomaly

199.2130, -13.4810, 7.5350

Deuteranomaly

200.0610, -9.9970, 10.4750

Tritanomaly

198.3110, -16.8730, 2.9270

Monochromacy



Original Color

198.7070, -17.9280, 5.5280

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.7590, -6.5110, 2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7070, -17.9280, 5.5280 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(185, 200, 228)` looks like.

```
.text, #text, p{  
    color:rgb(185, 200, 228)  
}
```

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(185, 200, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 200, 228) }
```

Border

The CSS property to change the border of an element to YIQ 198.7070, -17.9280, 5.5280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

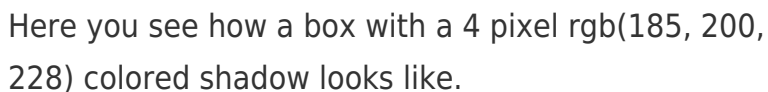
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 200, 228) }
```


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

```
.border{ border-color:rgb(185, 200, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 200, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 200, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 200, 228); box-shadow:4px 4px 4px 4px rgb(185, 200, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7070, -17.9280, 5.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 200, 228) }
```

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

```
.background{ background-color: rgb(185,  
200, 228) }
```

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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