

Converting Colors

YIQ(197.7070, -17.9280, 5.5280)

Have a look what the booklet for
YIQ(197.7070, -17.9280, 5.5280)
contains.

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Color

**YIQ(197.7070, -17.9280,
5.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C7E3
RGB	184, 199, 227
RGB Percent	72%, 78%, 89%
CMY	0.2784, 0.2196, 0.1099
CMYK	0.19, 0.12, 0.00, 0.11
HSL	219°, 43%, 81%
HSV	219°, 19%, 89%
XYZ	54.0528, 56.5843, 80.7289
YIQ	197.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

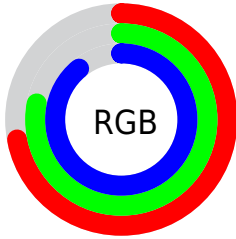
Format	Color
RYB	184, 195, 227
Decimal	12109795
CIELab	79.95, 0.69, -15.59
CIELCh	80, 15.610, 272.547
Yxy	56.5843, 0.2825, 0.2957
Android (android.graphics.Color)	4290299875 (0xFFB8C7E3)
YUV	197.7070, 14.4414, -12.0210
Hunter-Lab	75.2225, -3.3744, -10.9743

Details

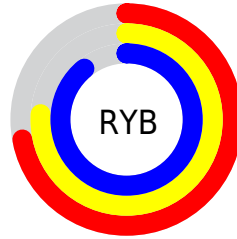
The YIQ color $197.7070, -17.9280, 5.5280$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $213.2930, 17.9280, -5.5280$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, -8.9400, -3.1800$, and $143.5930, -17.6070, 5.2170$ is the 20% darker color. If you saturate the color by 10%, you get $182.0250, -27.5110, 8.4970$, and if you desaturate by 10%, it is $213.3890, -8.3450, 2.5590$.

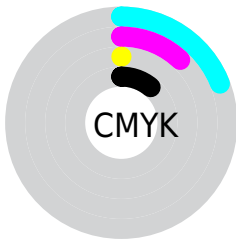
Distribution



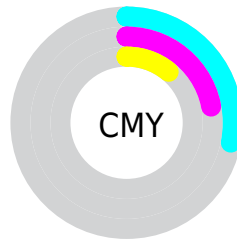
- Red (72%)
- Green (78%)
- Blue (89%)



- Red (72%)
- Yellow (76%)
- Blue (89%)



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



- Cyan (28%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.7070, -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 197.7070, -17.9280, 5.5280 by changing the saturation by 10% instead.

■ 197.7070,
-17.9280, 5.5280

■ 197.7070,
-17.9280, 5.5280

■ 255.0000, -0.0000,
-0.0000

■ 170.5930,
-17.6070, 5.2170

■ 250.5150, -8.9400,
-3.1800

■ 143.5930,
-17.6070, 5.2170

■ 118.3650,
-16.9650, 4.5950

■ 93.2510, -16.6440,
4.2840

■ 69.2510, -16.6440,
4.2840

■ 46.7240, -16.5980,
3.4500

■ 24.8980, -17.1480,

2.4040

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 197.7070,
-17.9280, 5.5280

■ 197.7070,
-17.9280, 5.5280

■ 182.0250,
-27.5110, 8.4970

■ 213.3890, -8.3450,
2.5590

■ 166.6420,
-36.4980, 11.6780

■ 228.7720, 0.6420,
-0.6220

■ 151.5470,
-46.3560, 14.1240

■ 243.8670, 10.5000,
-3.0680

■ 135.8650,
-55.9390, 17.0930

■ 251.8080, 8.9880,
-8.7080

■ 120.4820,
-64.9260, 20.2740

■ 104.8000,
-74.5090, 23.2430

■ 89.7050, -84.3670,
25.6890

■ 74.0230, -93.9500,
28.6580

■ 72.2510, -94.5920,
29.2800

Harmonies

Analogous

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



194.9290, -27.6010, -0.8890



197.7070, -17.9280, 5.5280



199.9970, -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.



197.7070, -17.9280, 5.5280



200.2760, 25.7660, 6.6140



193.9350, -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.



197.7070, -17.9280, 5.5280



213.2930, 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.



195.8180, 3.0280, -10.8280



197.7070, -17.9280, 5.5280



199.3910, 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.



197.7070, -17.9280, 5.5280



200.9860, 20.9510, 11.2790



197.9830, 15.8650, -6.6870



193.2310, -23.0600, -11.6040

Rectangle

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



197.7070, -17.9280, 5.5280



200.7270, 5.6830, 12.6510



197.9830, 15.8650, -6.6870



194.9740, -6.2790, -12.8630

Sweetspot

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



197.7070, -17.9280, 5.5280



244.6450, -6.1900, 2.0500



212.4330, -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.



197.7070, -17.9280, 5.5280



215.0530, -24.7140, 7.3660



190.6960, -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.



198.5670, 20.8130, 13.7810



216.0350, 28.4230, 19.0390



220.3040, 10.2270, -14.6450



107.0440, 5.8680, 3.7880



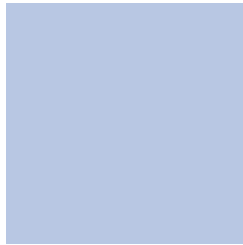
60.5890, 86.7820, 57.2300



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 197.7070, -17.9280, 5.5280 looks on a white background.

Color Contrast Check

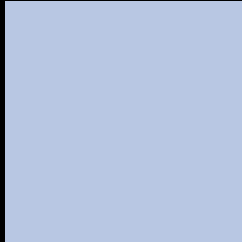
Large Text (above 18pt) WCAG AA × Fail

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 197.7070, -17.9280, 5.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

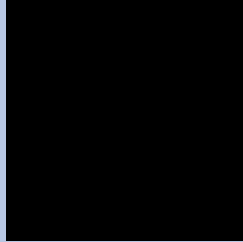
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.7070, -17.9280, 5.5280

Background



This preview shows how black text looks on a background with the YIQ color 197.7070, -17.9280, 5.5280.



This preview shows how white text looks on a background with the YIQ color 197.7070, -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

197.7070, -17.9280, 5.5280

Protanopia

198.4090, -11.0970, 8.3830

Deuteranopia

199.9800, -5.2750, 13.0050



Tritanopia

197.1430, -16.4600, 0.9480

Trichromacy



Original Color

197.7070, -17.9280, 5.5280

Protanomaly

198.2130, -13.4810, 7.5350

Deuteranomaly

199.0610, -9.9970, 10.4750

Tritanomaly

197.3110, -16.8730, 2.9270

Monochromacy



Original Color

197.7070, -17.9280, 5.5280

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.7590, -6.5110, 2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.7070, -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(184, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 227)  
}
```

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(184, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 227) }
```

Border

The CSS property to change the border of an element to YIQ 197.7070, -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(184, 199, 227) }
```


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

```
.border{ border-color:rgb(184, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 197.7070, -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(184, 199, 227) }
```

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

```
.background{ background-color: rgb(184,  
199, 227) }
```

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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