

Converting Colors

YIQ(199.4670, -17.0120,
10.9560)

Have a look what the booklet for
YIQ(199.4670, -17.0120, 10.9560)
contains.

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Color

**YIQ(199.4670, -17.0120,
10.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC5ED
RGB	190, 197, 237
RGB Percent	75%, 77%, 93%
CMY	0.2549, 0.2274, 0.0707
CMYK	0.20, 0.17, 0.00, 0.07
HSL	231°, 57%, 84%
HSV	231°, 20%, 93%
XYZ	56.4851, 56.9943, 88.1254
YIQ	199.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

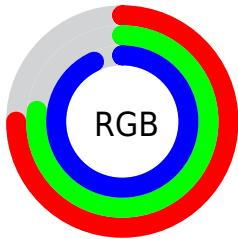
Format	Color
R_{YB}	190, 196, 237
Decimal	12502509
CIE _{Lab}	80.18, 5.82, -20.56
CIE _{LCh}	80, 21.371, 285.803
Yxy	56.9943, 0.2802, 0.2827
Android (android.graphics.Color)	4290692589 (0xFFBEC5ED)
YUV	199.4670, 18.5038, -8.3026
Hunter-Lab	75.4945, 1.4383, -16.3635

Details

The YIQ color $199.4670, -17.0120, 10.9560$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.5330, 17.0120, -10.9560$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0210, -4.4930, -1.1730$, and $145.2390, -16.3700, 10.3340$ is the 20% darker color. If you saturate the color by 10%, you get $180.5510, -25.8160, 16.3280$, and if you desaturate by 10%, it is $218.3830, -8.2080, 5.5840$.

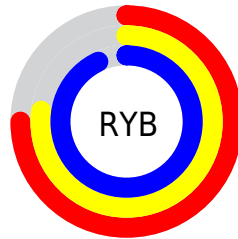
Distribution



Red (75%)

Green (77%)

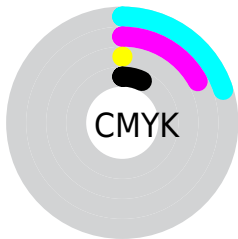
Blue (93%)



Red (75%)

Yellow (77%)

Blue (93%)

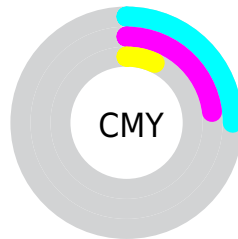


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4670, -17.0120, 10.9560 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 199.4670, -17.0120, 10.9560 by changing the saturation by 10% instead.

■ 199.4670,
-17.0120, 10.9560

■ 199.4670,
-17.0120, 10.9560

■ 255.0000, -0.0000,
-0.0000

■ 172.3530,
-16.6910, 10.6450

■ 252.0210, -4.4930,
-1.1730

■ 145.2390,
-16.3700, 10.3340

■ 119.7120,
-16.3240, 9.5000

■ 94.5980, -16.0030,
9.1890

■ 71.0710, -15.9570,
8.3550

■ 47.9570, -15.6360,
8.0440

■ 26.4190, -17.0570,

6.2630

■ 3.9900, -11.2350,
10.8850

■ 1.0260, -2.8890,
2.7990

■ 199.4670,
-17.0120, 10.9560

■ 199.4670,
-17.0120, 10.9560

■ 180.5510,
-25.8160, 16.3280

■ 218.3830, -8.2080,
5.5840

■ 161.9340,
-34.0240, 21.9120

■ 237.0000, -0.0000,
-0.0000

■ 143.0180,
-42.8280, 27.2840

■ 252.9480, 5.7780,
-5.5980

■ 123.5150,
-51.3570, 33.1790

■ 104.8980,
-59.5650, 38.7630

■ 85.9820, -68.3690,
44.1350

■ 67.0660, -77.1730,
49.5070

■ 48.1500, -85.9770,
54.8790

■ 47.5630, -85.7020,
55.4020

Harmonies

Analogous

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



195.8020, -34.4330, 1.7830



199.4670, -17.0120, 10.9560



201.6930, 3.0230, 16.8070

Triad

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



199.4670, -17.0120, 10.9560



200.7130, 34.6610, 5.1010



192.2430, -23.3340, -17.6540

Complementary

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



199.4670, -17.0120, 10.9560



227.5330, 17.0120, -10.9560

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.



194.2360, -4.2610, -16.3970



199.4670, -17.0120, 10.9560



198.9090, 27.8770, -4.1150

Square

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



199.4670, -17.0120, 10.9560



202.2000, 32.0920, 13.1160



196.9240, 14.3530, -12.3270



190.7500, -37.8230, -13.8790

Rectangle

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



199.4670, -17.0120, 10.9560



202.5650, 15.1270, 17.7110



196.9240, 14.3530, -12.3270



193.0650, -16.9610, -17.5130

Sweetspot

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



199.4670, -17.0120, 10.9560



242.8840, -5.3650, 3.6190



222.1490, -25.7650, -12.1410



120.6130, -3.1640, 2.2760



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.



199.4670, -17.0120, 10.9560



206.2370, -22.0560, 14.2640



200.1420, -5.5510, 18.0090



107.8410, -3.8060, 2.8980



36.4830, -65.5260, 42.1700



10.8520, -19.5340, 12.6100

Inverse Universe

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



204.8510, 25.7650, 12.1410



213.2650, 33.4670, 15.7310



226.8580, 5.5510, -18.0090



109.4030, 6.2350, 2.6430



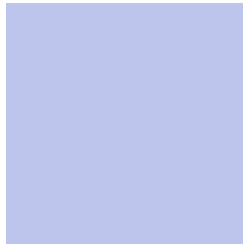
57.1970, 99.2090, 46.7690



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 199.4670, -17.0120, 10.9560 looks on a white background.

Color Contrast Check

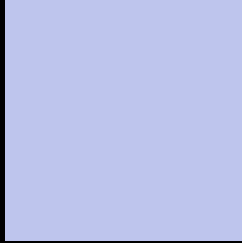
Large Text (above 18pt) WCAG AA × Fail

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 199.4670, -17.0120, 10.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

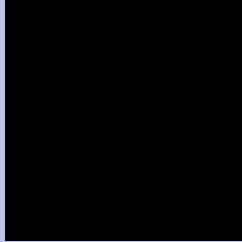
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4670, -17.0120, 10.9560

Background



This preview shows how black text looks on a background with the YIQ color 199.4670, -17.0120, 10.9560.



This preview shows how white text looks on a background with the YIQ color 199.4670, -17.0120,

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

199.4670, -17.0120, 10.9560

Protanopia

199.4670, -17.0120, 10.9560

Deuteranopia

200.5110, -11.1440, 14.7440



Tritanopia

198.2250, -13.7550, 1.4850

Trichromacy



Original Color

199.4670, -17.0120, 10.9560

Protanomaly

199.4670, -17.0120, 10.9560

Deuteranomaly

200.2010, -13.2070, 13.5850

Tritanomaly

198.8490, -15.4520, 4.7080

Monochromacy



Original Color

199.4670, -17.0120, 10.9560

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4670, -17.0120, 10.9560 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(190, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 237)  
}
```

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(190, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 237) }
```

Border

The CSS property to change the border of an element to YIQ 199.4670, -17.0120, 10.9560 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(190, 197, 237) }
```


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

```
.border{ border-color:rgb(190, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4670, -17.0120, 10.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 237) }
```

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

```
.background{ background-color: rgb(190,  
197, 237) }
```

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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