

Converting Colors

YIQ(199.6370, -20.9070,
-1.0590)

Have a look what the booklet for
YIQ(199.6370, -20.9070, -1.0590)
contains.

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Color

**YIQ(199.6370, -20.9070,
-1.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CEDD
RGB	179, 206, 221
RGB Percent	70%, 81%, 87%
CMY	0.2981, 0.1921, 0.1334
CMYK	0.19, 0.07, 0.00, 0.13
HSL	201°, 38%, 78%
HSV	201°, 19%, 87%
XYZ	53.7091, 58.9493, 76.9373
YIQ	199.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

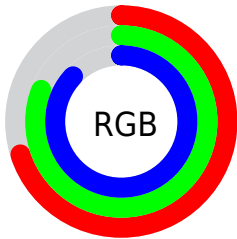
Format	Color
R _Y B	179, 195, 221
Decimal	11783901
CIE Lab	81.26, -5.87, -10.44
CIE LCh	81, 11.978, 240.660
Yxy	58.9493, 0.2833, 0.3109
Android (android.graphics.Color)	4289973981 (0xFFB3CEDD)
YUV	199.6370, 10.5320, -18.0986
Hunter-Lab	76.7785, -9.4954, -5.6678

Details

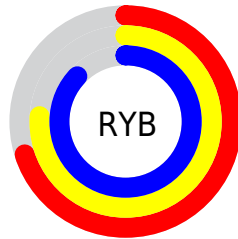
The YIQ color $199.6370, -20.9070, -1.0590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.3630, 20.9070, 1.0590$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0200, -11.9200, -4.2400$, and $145.8220, -19.9900, -1.1580$ is the 20% darker color. If you saturate the color by 10%, you get $188.3630, -31.8190, -1.5390$, and if you desaturate by 10%, it is $210.9110, -9.9950, -0.5790$.

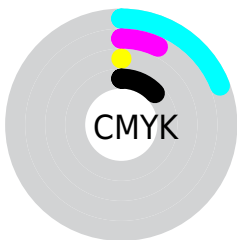
Distribution



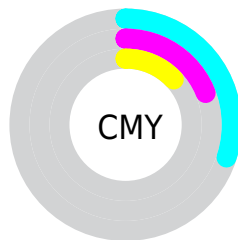
- Red (70%)
- Green (81%)
- Blue (87%)



- Red (70%)
- Yellow (76%)
- Blue (87%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.6370, -20.9070, -1.0590 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 199.6370, -20.9070, -1.0590 by changing the saturation by 10% instead.

■ 199.6370,
-20.9070, -1.0590

■ 199.6370,
-20.9070, -1.0590

■ 255.0000, -0.0000,
-0.0000

■ 172.5230,
-20.5860, -1.3700

■ 249.0200,
-11.9200, -4.2400

■ 145.8220,
-19.9900, -1.1580

■ 119.8220,
-19.9900, -1.1580

■ 95.0070, -19.0730,
-1.2570

■ 71.0070, -19.0730,
-1.2570

■ 47.8930, -18.7520,
-1.5680

■ 25.8820, -20.2190,

-2.5150

■ 8.6060, -10.4540,
2.2340

■ 0.0000, 0.0000,
0.0000

■ 199.6370,
-20.9070, -1.0590

■ 199.6370,
-20.9070, -1.0590

■ 188.3630,
-31.8190, -1.5390

■ 210.9110, -9.9950,
-0.5790

■ 177.0890,
-42.7310, -2.0190

■ 222.1850, 0.9170,
-0.0990

■ 165.8150,
-53.6430, -2.4990

■ 233.4590, 11.8290,
0.3810

■ 155.1280,
-64.8300, -3.5020

■ 241.1450, 15.5890,
-1.6830

■ 143.5550,
-76.3380, -4.1940

■ 245.2540, 13.6640,
-5.3440

■ 132.2810,
-87.2500, -4.6740

■ 249.9500, 11.4640,
-9.5280

■ 121.0070,
-98.1620, -5.1540

■ 251.1240, 10.9140,
-10.5740

■ 109.7330,
-109.0740, -5.6340

■ 108.5480,
-109.9910, -5.5350

Harmonies

Analogous

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



198.4040, -21.8690, -5.6530



199.6370, -20.9070, -1.0590



201.5070, -14.4890, 3.7750

Triad

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



199.6370, -20.9070, -1.0590



204.1810, 15.9080, 9.0600



200.2850, 3.2110, -8.6370

Complementary

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



199.6370, -20.9070, -1.0590



200.3630, 20.9070, 1.0590

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.



201.5960, 12.7010, -4.4110



199.6370, -20.9070, -1.0590



203.8130, 19.7600, 5.3280

Square

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



199.6370, -20.9070, -1.0590



204.2170, 7.0590, 9.7390



203.1670, 18.5230, 0.2110



198.8970, -7.3800, -9.4280

Rectangle

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



199.6370, -20.9070, -1.0590



202.6220, -7.3830, 7.1530



203.1670, 18.5230, 0.2110



201.0790, 6.7870, -7.3650

Sweetspot

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



199.6370, -20.9070, -1.0590



247.5800, -7.5650, -0.5650



205.3640, -16.3650, -17.3010



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



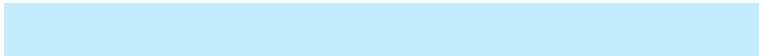
128.0000, -0.0000, -0.0000

Same Dimension

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



199.6370, -20.9070, -1.0590



225.0320, -29.3890, -1.5250



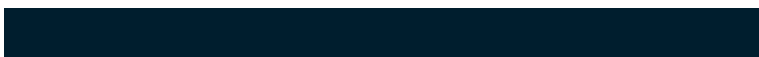
187.3100, -15.1320, 9.9240



104.3630, -5.4560, -0.2400



85.4660, -86.3330, -4.7730



22.8540, -23.0160, -1.3840

Inverse Universe

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



194.6360, 16.3650, 17.3010



217.9730, 22.9660, 24.3260



212.6900, 15.1320, -9.9240



103.0870, 4.3090, 4.5090



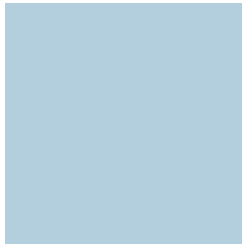
64.4950, 67.1560, 71.5080



17.1740, 17.7860, 19.0820

Previews

White Background



This preview shows how the YIQ color 199.6370, -20.9070, -1.0590 looks on a white background.

Color Contrast Check

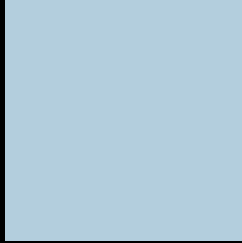
Large Text (above 18pt) WCAG AA × Fail

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 199.6370, -20.9070, -1.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

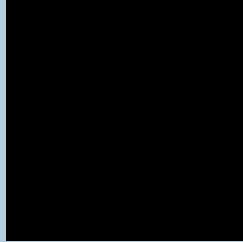
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.6370, -20.9070, -1.0590

Background



This preview shows how black text looks on a background with the YIQ color 199.6370, -20.9070, -1.0590.



This preview shows how white text looks on a background with the YIQ color 199.6370, -20.9070, -1.0590.

-1.0590.

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

199.6370, -20.9070, -1.0590

Protanopia

201.9380, -5.4570, 5.2870

Deuteranopia

203.5630, 0.2730, 11.5770



Tritanopia

199.7510, -21.2280, -0.7480

Trichromacy



Original Color

199.6370, -20.9070, -1.0590

Protanomaly

200.8340, -11.0960, 2.8560

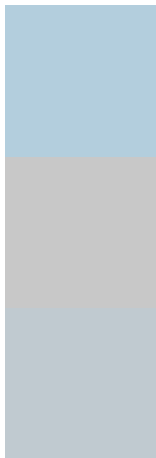
Deuteranomaly

202.2090, -7.6580, 6.6300

Tritanomaly

199.7510, -21.2280, -0.7480

Monochromacy



Original Color

199.6370, -20.9070, -1.0590

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.6940, -7.8860, -0.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.6370, -20.9070, -1.0590 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(179, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 221)  
}
```

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(179, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 221) }
```

Border

The CSS property to change the border of an element to YIQ 199.6370, -20.9070, -1.0590 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(179, 206, 221) }
```


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

```
.border{ border-color:rgb(179, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(179, 206,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 199.6370, -20.9070, -1.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 206, 221) }
```

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

```
.background{ background-color: rgb(179,  
206, 221) }
```

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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