

Converting Colors

YIQ(191.9830, -9.3570, 20.9070)

Have a look what the booklet for
YIQ(191.9830, -9.3570, 20.9070)
contains.

YIQ(191.9830, -9.3570, 20.9070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(191.9830, -9.3570,
20.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B5EE
RGB	196, 181, 238
RGB Percent	77%, 71%, 93%
CMY	0.2313, 0.2902, 0.0667
CMYK	0.18, 0.24, 0.00, 0.07
HSL	256°, 63%, 82%
HSV	256°, 24%, 93%
XYZ	54.7219, 50.9553, 87.8242
YIQ	191.9830, -9.3570, 20.9070

Conversions

Conversions Part 2

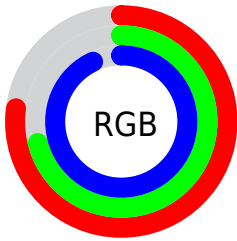
Format	Color
R _Y B	196, 181, 238
Decimal	12891630
CIE Lab	76.65, 16.59, -26.43
CIE LCh	77, 31.204, 302.121
Yxy	50.9553, 0.2828, 0.2633
Android (android.graphics.Color)	4291081710 (0xFFC4B5EE)
YUV	191.9830, 22.6864, 3.5229
Hunter-Lab	71.3830, 11.9171, -22.9778

Details

The YIQ color **191.9830, -9.3570, 20.9070** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.0170, 9.3570, -20.9070**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8360, 3.7580, 8.9900**, and **138.3420, -8.9900, 19.7620** is the 20% darker color. If you saturate the color by 10%, you get **172.5130, -13.4850, 29.6430**, and if you desaturate by 10%, it is **211.4530, -5.2290, 12.1710**.

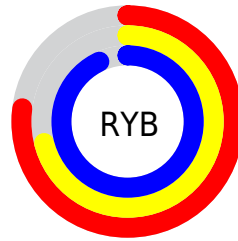
Distribution



Red (77%)

Green (71%)

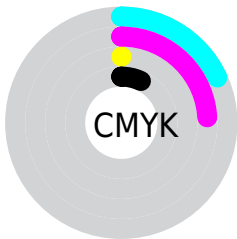
Blue (93%)



Red (77%)

Yellow (71%)

Blue (93%)

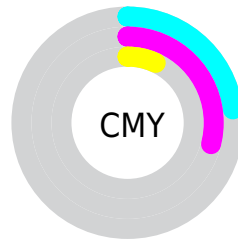


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (29%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.9830, -9.3570, 20.9070 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 191.9830, -9.3570, 20.9070 by changing the saturation by 10% instead.

■ 191.9830, -9.3570,
20.9070

■ 191.9830, -9.3570,
20.9070

■ 255.0000, -0.0000,
-0.0000

■ 164.5700, -9.6320,
20.3840

■ 243.8360, 3.7580,
8.9900

■ 138.3420, -8.9900,
19.7620

■ 112.8150, -8.9440,
18.9280

■ 87.9890, -9.4940,
17.8820

■ 64.3480, -9.1270,
16.7370

■ 41.5220, -9.6770,
15.6910

■ 20.2830, -10.5020,

14.1220

■ 3.8760, -10.9140,
10.5740

■ 0.9120, -2.5680,
2.4880

■ 191.9830, -9.3570,
20.9070

■ 191.9830, -9.3570,
20.9070

■ 172.5130,
-13.4850, 29.6430

■ 211.4530, -5.2290,
12.1710

■ 153.3420,
-17.0170, 38.5910

■ 230.6240, -1.6970,
3.2230

■ 134.4590,
-21.4200, 46.8040

■ 249.5070, 2.7060,
-4.9900

■ 115.2880,
-24.9520, 55.7520

■ 253.0620, 5.4570,
-5.2870

■ 95.8180, -29.0800,
64.4880

■ 76.6470, -32.6120,
73.4360

■ 57.1770, -36.7400,
82.1720

■ 45.9690, -38.8500,
87.3740

Harmonies

Analogous

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



186.5060, -39.1110, 9.4730



191.9830, -9.3570, 20.9070



193.8740, 18.9310, 25.8670

Triad

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



191.9830, -9.3570, 20.9070



189.7000, 44.7030, -0.6810



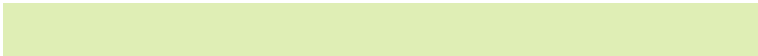
175.7820, -50.0170, -24.1690

Complementary

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



191.9830, -9.3570, 20.9070



227.0170, 9.3570, -20.9070

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.



180.2720, -22.2780, -25.7820



191.9830, -9.3570, 20.9070



187.4820, 30.2170, -13.4870

Square

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



191.9830, -9.3570, 20.9070



191.5840, 48.5060, 13.0020



184.5220, 6.3770, -21.9670



174.0160, -67.9910, -17.8070

Rectangle

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



191.9830, -9.3570, 20.9070



193.2470, 33.8780, 24.8060



184.5220, 6.3770, -21.9670



177.3330, -41.4430, -25.3710

Sweetspot

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



191.9830, -9.3570, 20.9070



240.5470, -2.7980, 6.6580



212.7390, -30.1220, -4.7620



119.1510, -1.7430, 4.0570



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.



191.9830, -9.3570, 20.9070



195.4160, -11.8340, 27.2540



200.3550, 7.3310, 26.8430



110.2650, -2.0640, 4.3680



35.3280, -30.4560, 67.4000



10.8690, -9.0360, 20.5960

Inverse Universe

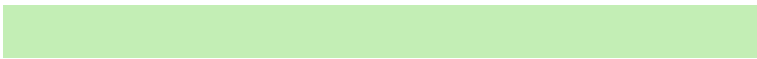
The Inverse Universe completely reimagines the original color for something new.



202.8310, 20.4900, 25.1460



209.3960, 26.4490, 32.7930



218.6450, -7.3310, -26.8430



112.6140, 4.2630, 5.3430



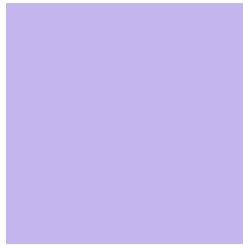
70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 191.9830, -9.3570, 20.9070 looks on a white background.

Color Contrast Check

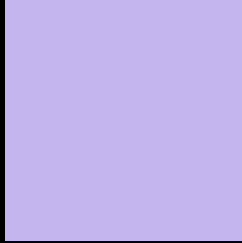
Large Text (above 18pt) WCAG AA × Fail

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 191.9830, -9.3570, 20.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

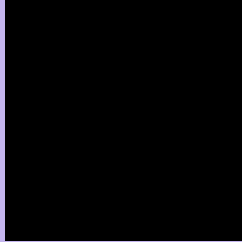
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.9830, -9.3570, 20.9070

Background



This preview shows how black text looks on a background with the YIQ color 191.9830, -9.3570, 20.9070.



This preview shows how white text looks on a background with the YIQ color 191.9830, -9.3570,

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

191.9830, -9.3570, 20.9070

Protanopia

189.6820, -24.8070, 14.5610

Deuteranopia

190.3300, -17.8840, 15.7480



Tritanopia

190.1940, -3.3020, 4.7780

Trichromacy



Original Color

191.9830, -9.3570, 20.9070

Protanomaly

190.7860, -19.1680, 16.9920

Deuteranomaly

191.2380, -14.6290, 17.3310

Tritanomaly

190.5130, -5.4580, 10.8140

Monochromacy



Original Color

191.9830, -9.3570, 20.9070

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.8890, -3.7610, 7.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.9830, -9.3570, 20.9070 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(196, 181, 238)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 238)  
}
```

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(196, 181, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 238) }
```

Border

The CSS property to change the border of an element to YIQ 191.9830, -9.3570, 20.9070 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(196, 181, 238) }
```


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

```
.border{ border-color:rgb(196, 181, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 181, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 238);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 191.9830, -9.3570, 20.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 238) }
```

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

```
.background{ background-color: rgb(196,  
181, 238) }
```

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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