

Converting Colors

YIQ(201.0010, -9.7680, 11.8320)

Have a look what the booklet for
YIQ(201.0010, -9.7680, 11.8320)
contains.

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Color

**YIQ(201.0010, -9.7680,
11.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4E8
RGB	199, 196, 232
RGB Percent	78%, 77%, 91%
CMY	0.2196, 0.2314, 0.0903
CMYK	0.14, 0.16, 0.00, 0.09
HSL	245°, 44%, 84%
HSV	245°, 16%, 91%
XYZ	57.8579, 57.4477, 84.3703
YIQ	201.0010, -9.7680, 11.8320

Conversions

Conversions Part 2

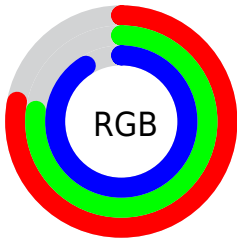
Format	Color
R _Y B	199, 196, 232
Decimal	13092072
CIE Lab	80.43, 8.10, -17.44
CIE LCh	80, 19.229, 294.919
Yxy	57.4477, 0.2898, 0.2877
Android (android.graphics.Color)	4291282152 (0xFFC7C4E8)
YUV	201.0010, 15.2825, -1.7549
Hunter-Lab	75.7943, 3.6189, -12.9427

Details

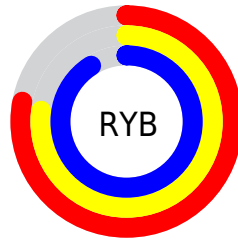
The YIQ color $201.0010, -9.7680, 11.8320$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.9990, 9.7680, -11.8320$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5500, 1.0460$, and $146.7730, -9.1260, 11.2100$ is the 20% darker color. If you saturate the color by 10%, you get $181.2210, -15.9590, 19.4090$, and if you desaturate by 10%, it is $220.7810, -3.5770, 4.2550$.

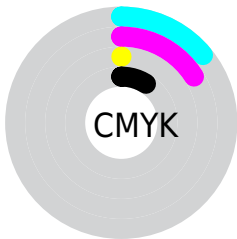
Distribution



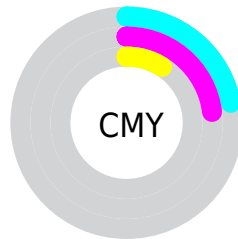
- Red (78%)
- Green (77%)
- Blue (91%)



- Red (78%)
- Yellow (77%)
- Blue (91%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0010, -9.7680, 11.8320 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 201.0010, -9.7680, 11.8320 by changing the saturation by 10% instead.

■ 201.0010, -9.7680,
11.8320

■ 201.0010, -9.7680,
11.8320

■ 255.0000, -0.0000,
-0.0000

■ 173.8870, -9.4470,
11.5210

■ 253.8260, 0.5500,
1.0460

■ 146.7730, -9.1260,
11.2100

■ 121.3600, -9.4010,
10.6870

■ 96.2460, -9.0800,
10.3760

■ 72.7190, -9.0340,
9.5420

■ 49.6050, -8.7130,
9.2310

■ 28.6650, -8.9420,

7.8740

■ 4.1320, -8.7590,
10.0650

■ 0.2280, -0.6420,
0.6220

■ 201.0010, -9.7680,
11.8320

■ 201.0010, -9.7680,
11.8320

■ 181.2210,
-15.9590, 19.4090

■ 220.7810, -3.5770,
4.2550

■ 161.1420,
-22.7460, 26.7740

■ 240.8600, 3.2100,
-3.1100

■ 140.7750,
-28.6620, 34.8740

■ 252.3780, 7.3830,
-7.1530

■ 120.9950,
-34.8530, 42.4510

■ 101.2150,
-41.0440, 50.0280

■ 81.1360, -47.8310,
57.3930

■ 61.3560, -54.0220,
64.9700

■ 40.9890, -59.9380,
73.0700

■ 32.1290, -63.1480,
76.1800

Harmonies

Analogous

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



197.9880, -26.0890, 4.7510



201.0010, -9.7680, 11.8320



202.3900, 8.2500, 15.6900

Triad

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



201.0010, -9.7680, 11.8320



201.2670, 29.9850, 1.7370



193.4540, -25.3060, -14.9540

Complementary

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



201.0010, -9.7680, 11.8320



226.9990, 9.7680, -11.8320

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.



195.3110, -8.8460, -15.9020



201.0010, -9.7680, 11.8320



199.2180, 22.5130, -6.0230

Square

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



201.0010, -9.7680, 11.8320



202.3090, 30.1670, 9.4550



197.1020, 7.9800, -12.4680



193.1140, -35.8520, -11.0520

Rectangle

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



201.0010, -9.7680, 11.8320



202.9520, 18.2910, 15.4350



197.1020, 7.9800, -12.4680



193.6780, -20.1250, -15.2370

Sweetspot

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



201.0010, -9.7680, 11.8320



243.7810, -3.5770, 4.2550



219.4750, -20.6310, -6.0630



120.9120, -2.5680, 2.4880



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.



201.0010, -9.7680, 11.8320



213.6680, -13.0240, 15.7760



206.3830, 0.9600, 15.6480



104.6670, -3.2560, 3.9440



24.8910, -48.5190, 58.8490



7.0100, -13.9870, 16.7090

Inverse Universe

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



210.5260, 10.8630, 17.8950



226.3680, 14.4840, 23.8600



221.6170, -0.9600, -15.6480



107.8420, 3.6210, 5.9650



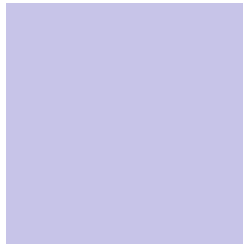
72.2170, 54.0400, 88.9520



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 201.0010, -9.7680, 11.8320 looks on a white background.

Color Contrast Check

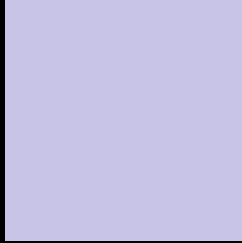
Large Text (above 18pt) WCAG AA × Fail

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 201.0010, -9.7680, 11.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

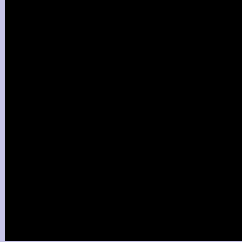
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.0010, -9.7680, 11.8320

Background



This preview shows how black text looks on a background with the YIQ color 201.0010, -9.7680, 11.8320.



This preview shows how white text looks on a background with the YIQ color 201.0010, -9.7680,

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

201.0010, -9.7680, 11.8320

Protanopia

200.4950, -14.2150, 9.8250

Deuteranopia

201.6100, -7.1090, 13.2030



Tritanopia

199.9270, -6.9240, 4.3400

Trichromacy



Original Color

201.0010, -9.7680, 11.8320

Protanomaly

200.5060, -12.7480, 10.7720

Deuteranomaly

201.3110, -7.7050, 12.9910

Tritanomaly

200.3230, -7.9790, 6.9410

Monochromacy



Original Color

201.0010, -9.7680, 11.8320

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.7810, -3.5770, 4.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0010, -9.7680, 11.8320 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(199, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 232)  
}
```

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(199, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 232) }
```

Border

The CSS property to change the border of an element to YIQ 201.0010, -9.7680, 11.8320 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(199, 196, 232) }
```


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

```
.border{ border-color:rgb(199, 196, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 232);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0010, -9.7680, 11.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 232) }
```

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

```
.background{ background-color: rgb(199,  
196, 232) }
```

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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