

Converting Colors

YIQ(211.3130, -2.0190, 9.0610)

Have a look what the booklet for
YIQ(211.3130, -2.0190, 9.0610)
contains.

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Color

**YIQ(211.3130, -2.0190,
9.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CEE5
RGB	215, 206, 229
RGB Percent	84%, 81%, 90%
CMY	0.1568, 0.1922, 0.1020
CMYK	0.06, 0.10, 0.00, 0.10
HSL	264°, 31%, 85%
HSV	264°, 10%, 90%
XYZ	64.2394, 64.2460, 83.1389
YIQ	211.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

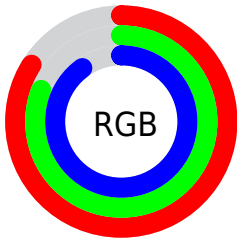
Format	Color
R _Y B	215, 206, 229
Decimal	14143205
CIE Lab	84.09, 7.35, -10.23
CIE LCh	84, 12.594, 305.718
Yxy	64.2460, 0.3036, 0.3036
Android (android.graphics.Color)	4292333285 (0xFFD7CEE5)
YUV	211.3130, 8.7197, 3.2335
Hunter-Lab	80.1536, 2.7905, -5.3906

Details

The YIQ color $211.3130, -2.0190, 9.0610$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.6870, 2.0190, -9.0610$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.9000, -2.2940, 8.5380$ is the 20% darker color. If you saturate the color by 10%, you get $193.6260, -4.0380, 18.1220$, and if you desaturate by 10%, it is $229.0000, -0.0000, -0.0000$.

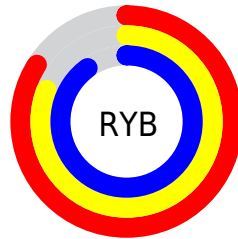
Distribution



Red (84%)

Green (81%)

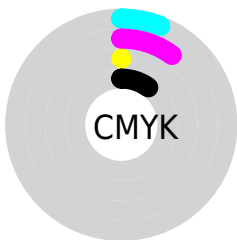
Blue (90%)



Red (84%)

Yellow (81%)

Blue (90%)

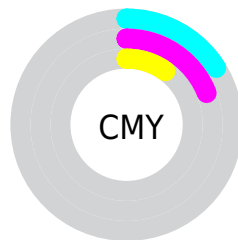


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (16%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.3130, -2.0190, 9.0610 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 211.3130, -2.0190, 9.0610 by changing the saturation by 10% instead.

■ 211.3130, -2.0190,
9.0610

■ 211.3130, -2.0190,
9.0610

255.0000, -0.0000,
-0.0000

■ 183.9000, -2.2940,
8.5380

■ 156.9000, -2.2940,
8.5380

■ 130.7860, -1.9730,
8.2270

■ 105.6720, -1.6520,
7.9160

■ 81.2590, -1.9270,
7.3930

■ 58.2590, -1.9270,
7.3930

■ 36.7320, -1.8810,

6.5590

■ 14.8570, -0.7350,
7.8170

■ 0.0000, 0.0000,
0.0000

■ 211.3130, -2.0190,
9.0610

■ 211.3130, -2.0190,
9.0610

■ 193.6260, -4.0380,
18.1220

■ 229.0000, -0.0000,
-0.0000

■ 175.9390, -6.0570,
27.1830

■ 246.6870, 2.0190,
-9.0610

■ 158.2520, -8.0760,
36.2440

■ 252.0360, 8.3460,
-8.0860

■ 140.5650,
-10.0950, 45.3050

■ 123.4650,
-12.3890, 53.8430

■ 105.7780,
-14.4080, 62.9040

■ 88.3900, -15.8310,
72.1770

■ 70.7030, -17.8500,
81.2380

■ 53.0160, -19.8690,
90.2990

Harmonies

Analogous

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



209.6320, -13.3430, 5.0330



211.3130, -2.0190, 9.0610



212.4130, 9.4430, 10.5870

Triad

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



211.3130, -2.0190, 9.0610



210.5260, 18.8900, -0.9340



205.9650, -19.2550, -8.9750

Complementary

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



211.3130, -2.0190, 9.0610



223.6870, 2.0190, -9.0610

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.



206.7010, -9.7640, -10.2760



211.3130, -2.0190, 9.0610



209.3570, 11.8760, -5.9800

Square

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



211.3130, -2.0190, 9.0610



211.7700, 21.3190, 4.6070



207.6870, 2.0190, -9.0610



206.0340, -23.7030, -5.4550

Rectangle

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



211.3130, -2.0190, 9.0610



212.4090, 15.2660, 9.6820



207.6870, 2.0190, -9.0610



206.1070, -16.7790, -9.7950

Sweetspot

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



211.3130, -2.0190, 9.0610



248.8090, -0.7800, 3.1240



216.8400, -11.2330, -0.1690



123.2820, -0.7340, 2.2900



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.



211.3130, -2.0190, 9.0610



231.1220, -2.7990, 12.1850



214.6020, 4.5370, 11.3930



105.8630, -0.8720, 4.7920



41.3360, -15.7390, 70.5090



11.7940, -4.4510, 20.1010

Inverse Universe

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



214.4730, 9.2140, 9.2300



235.4350, 12.3770, 12.4810



220.3980, -4.5370, -11.3930



107.3860, 4.9050, 4.7210



65.9470, 71.6950, 71.8470



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 211.3130, -2.0190, 9.0610 looks on a white background.

Color Contrast Check

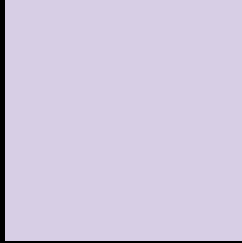
Large Text (above 18pt) WCAG AA × Fail

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 211.3130, -2.0190, 9.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

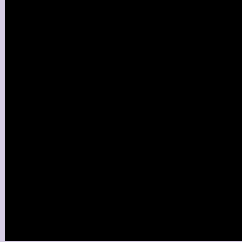
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.3130, -2.0190, 9.0610

Background



This preview shows how black text looks on a background with the YIQ color 211.3130, -2.0190, 9.0610.

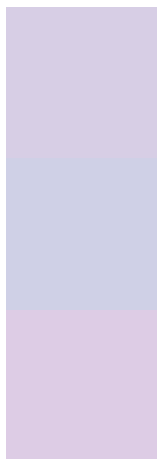


This preview shows how white text looks on a background with the YIQ color 211.3130, -2.0190,

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

211.3130, -2.0190, 9.0610

Protanopia

210.2090, -7.6580, 6.6300

Deuteranopia

211.9330, 2.1070, 11.3790



Tritanopia

210.9170, -0.9640, 6.4600

Trichromacy



Original Color

211.3130, -2.0190, 9.0610

Protanomaly

210.5190, -5.5950, 7.7890

Deuteranomaly

211.9220, 0.6400, 10.4320

Tritanomaly

211.1450, -1.6060, 7.0820

Monochromacy



Original Color

211.3130, -2.0190, 9.0610

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3130, -2.0190, 9.0610 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(215, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 229)  
}
```

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(215, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 229) }
```

Border

The CSS property to change the border of an element to YIQ 211.3130, -2.0190, 9.0610 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(215, 206, 229) }
```


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

```
.border{ border-color:rgb(215, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3130, -2.0190, 9.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 229) }
```

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

```
.background{ background-color: rgb(215,  
206, 229) }
```

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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