

Converting Colors

YIQ(211.7790, -9.2630, 8.1850)

Have a look what the booklet for
YIQ(211.7790, -9.2630, 8.1850)
contains.

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Color

**YIQ(211.7790, -9.2630,
8.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D1EC
RGB	208, 209, 236
RGB Percent	82%, 82%, 93%
CMY	0.1843, 0.1804, 0.0746
CMYK	0.12, 0.11, 0.00, 0.07
HSL	238°, 42%, 87%
HSV	238°, 12%, 93%
XYZ	63.9522, 65.0669, 88.5342
YIQ	211.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

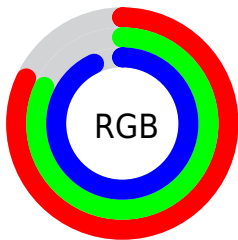
Format	Color
R _Y B	208, 209, 236
Decimal	13685228
CIE Lab	84.52, 4.87, -13.37
CIE LCh	85, 14.224, 290.013
Yxy	65.0669, 0.2940, 0.2991
Android (android.graphics.Color)	4291875308 (0xFFD0D1EC)
YUV	211.7790, 11.9410, -3.3142
Hunter-Lab	80.6640, 0.3567, -8.6099

Details

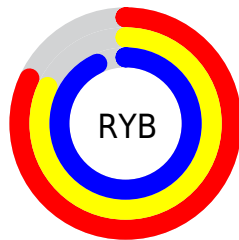
The YIQ color **211.7790, -9.2630, 8.1850** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **232.2210, 9.2630, -8.1850**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **157.2520, -9.2170, 7.3510** is the 20% darker color. If you saturate the color by 10%, you get **191.1020, -17.2420, 15.1260**, and if you desaturate by 10%, it is **232.4560, -1.2840, 1.2440**.

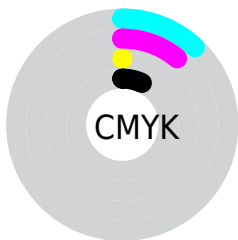
Distribution



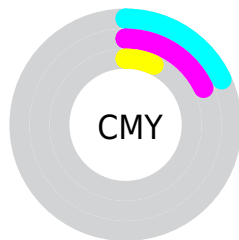
- Red (82%)
- Green (82%)
- Blue (93%)



- Red (82%)
- Yellow (82%)
- Blue (93%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7790, -9.2630, 8.1850 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 211.7790, -9.2630, 8.1850 by changing the saturation by 10% instead.

■ 211.7790, -9.2630,
8.1850

■ 211.7790, -9.2630,
8.1850

255.0000, -0.0000,
-0.0000

■ 183.7790, -9.2630,
8.1850

■ 157.2520, -9.2170,
7.3510

■ 131.1380, -8.8960,
7.0400

■ 106.0240, -8.5750,
6.7290

■ 81.9100, -8.2540,
6.4180

■ 58.7960, -7.9330,
6.1070

■ 36.6820, -7.6120,

5.7960

■ 15.6820, -7.6120,
5.7960

■ 1.1400, -3.2100,
3.1100

■ 211.7790, -9.2630,
8.1850

■ 211.7790, -9.2630,
8.1850

■ 191.1020,
-17.2420, 15.1260

■ 232.4560, -1.2840,
1.2440

■ 170.7240,
-24.6250, 22.2790

■ 252.8340, 6.0990,
-5.9090

■ 150.6340,
-32.8790, 28.6970

■ 130.2560,
-40.2620, 35.8500

■ 109.5790,
-48.2410, 42.7910

■ 88.9020, -56.2200,
49.7320

■ 69.1110, -63.8780,
56.3620

■ 48.4340, -71.8570,
63.3030

■ 31.6000, -77.9560,
69.2120

Harmonies

Analogous

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



209.1580, -20.8160, 2.8000



211.7790, -9.2630, 8.1850



213.3030, 3.9410, 11.1810

Triad

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



211.7790, -9.2630, 8.1850



212.0860, 23.2450, 2.7410



207.0530, -16.6870, -11.4630

Complementary

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



211.7790, -9.2630, 8.1850



232.2210, 9.2630, -8.1850

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.



208.2840, -4.2160, -11.7040



211.7790, -9.2630, 8.1850



210.7600, 18.1110, -3.3370

Square

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



211.7790, -9.2630, 8.1850



213.3620, 22.6480, 8.0560



209.6230, 8.0710, -8.6090



206.5560, -25.3530, -8.5930

Rectangle

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



211.7790, -9.2630, 8.1850



213.9080, 12.4230, 11.6470



209.6230, 8.0710, -8.6090



206.7930, -13.0190, -11.8590

Sweetspot

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



211.7790, -9.2630, 8.1850



246.1400, -3.2100, 3.1100



227.5140, -16.3670, -6.2470



121.7980, -2.2470, 2.1770



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.



211.7790, -9.2630, 8.1850



224.2780, -12.1060, 10.1500



215.0790, -1.2400, 11.4640



107.2540, -3.5310, 3.4210



24.1560, -59.7510, 53.1530



7.3300, -17.8840, 15.7480

Inverse Universe

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



216.4860, 16.3670, 6.2470



229.9920, 20.8140, 8.2540



228.9210, 1.2400, -11.4640



109.2890, 6.5560, 2.3320



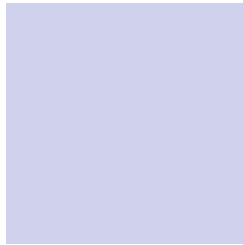
54.8030, 105.9500, 40.2380



16.3740, 31.5420, 12.0700

Previews

White Background



This preview shows how the YIQ color 211.7790, -9.2630, 8.1850 looks on a white background.

Color Contrast Check

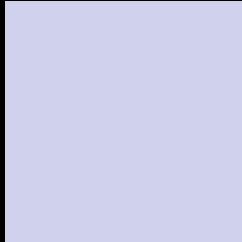
Large Text (above 18pt) WCAG AA × Fail

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 211.7790, -9.2630, 8.1850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

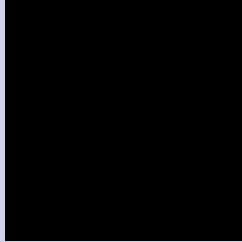
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.7790, -9.2630, 8.1850

Background



This preview shows how black text looks on a background with the YIQ color 211.7790, -9.2630, 8.1850.



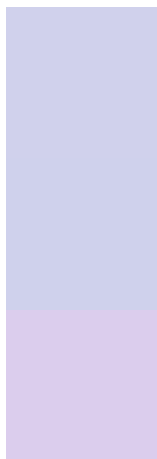
This preview shows how white text looks on a background with the YIQ color 211.7790, -9.2630,

8.1850.

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

211.7790, -9.2630, 8.1850

Protanopia

211.4800, -9.8590, 7.9730

Deuteranopia

212.8340, -1.9280, 12.9200



Tritanopia

210.7420, -7.8410, 4.4390

Trichromacy



Original Color

211.7790, -9.2630, 8.1850

Protanomaly

211.4800, -9.8590, 7.9730

Deuteranomaly

212.2250, -4.5870, 11.5490

Tritanomaly

211.3830, -8.2080, 5.5840

Monochromacy



Original Color

211.7790, -9.2630, 8.1850

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.1400, -3.2100, 3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7790, -9.2630, 8.1850 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(208, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 236)  
}
```

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(208, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 236) }
```

Border

The CSS property to change the border of an element to YIQ 211.7790, -9.2630, 8.1850 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(208, 209, 236) }
```


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

```
.border{ border-color:rgb(208, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7790, -9.2630, 8.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 236) }
```

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

```
.background{ background-color: rgb(208,  
209, 236) }
```

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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