

Converting Colors

YIQ(213.0870, -12.8860,
13.2740)

Have a look what the booklet for
YIQ(213.0870, -12.8860, 13.2740)
contains.

YIQ(213.0870, -12.8860, 13.2740)	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(213.0870, -12.8860,
13.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D0FA
RGB	209, 208, 250
RGB Percent	82%, 82%, 98%
CMY	0.1804, 0.1843, 0.0197
CMYK	0.16, 0.17, 0.00, 0.02
HSL	241°, 81%, 90%
HSV	241°, 17%, 98%
XYZ	66.1043, 65.5688, 99.5969
YIQ	213.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

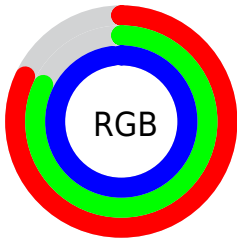
Format	Color
R _Y B	209, 208, 250
Decimal	13750522
CIE Lab	84.78, 8.62, -20.39
CIE LCh	85, 22.139, 292.908
Yxy	65.5688, 0.2858, 0.2835
Android (android.graphics.Color)	4291940602 (0xFFD1D0FA)
YUV	213.0870, 18.1981, -3.5843
Hunter-Lab	80.9745, 4.0147, -16.2432

Details

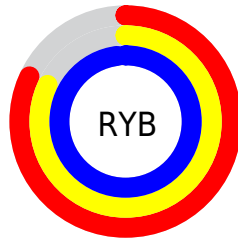
The YIQ color $213.0870, -12.8860, 13.2740$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $244.9130, 12.8860, -13.2740$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.4460, -12.5190, 12.1290$ is the 20% darker color. If you saturate the color by 10%, you get $191.2360, -20.3150, 21.2610$, and if you desaturate by 10%, it is $234.9380, -5.4570, 5.2870$.

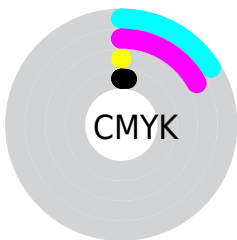
Distribution



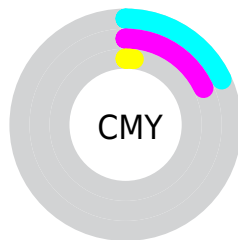
- Red (82%)
- Green (82%)
- Blue (98%)



- Red (82%)
- Yellow (82%)
- Blue (98%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0870, -12.8860, 13.2740 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 213.0870, -12.8860, 13.2740 by changing the saturation by 10% instead.

■ 213.0870,
-12.8860, 13.2740

■ 213.0870,
-12.8860, 13.2740

255.0000, -0.0000,
-0.0000

■ 184.9730,
-12.5650, 12.9630

■ 158.4460,
-12.5190, 12.1290

■ 132.3320,
-12.1980, 11.8180

■ 106.9190,
-12.4730, 11.2950

■ 82.6910, -11.8310,
10.6730

■ 59.2780, -12.1060,
10.1500

■ 37.3380, -12.3350,

8.7930

■ 15.6370, -11.7390,
9.0050

■ 3.2090, -7.6580,
6.6300

■ 213.0870,
-12.8860, 13.2740

■ 213.0870,
-12.8860, 13.2740

■ 191.2360,
-20.3150, 21.2610

■ 234.9380, -5.4570,
5.2870

■ 169.0860,
-28.3400, 29.0360

■ 254.4300, 1.6050,
-1.5550

■ 147.2350,
-35.7690, 37.0230

■ 125.0850,
-43.7940, 44.7980

■ 103.2340,
-51.2230, 52.7850

■ 81.3830, -58.6520,
60.7720

■ 59.2330, -66.6770,
68.5470

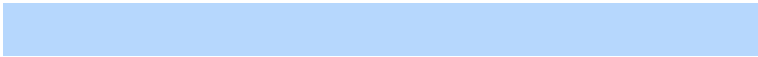
■ 37.3820, -74.1060,
76.5340

■ 30.2940, -76.6740,
79.0220

Harmonies

Analogous

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



209.4650, -31.8660, 4.8220



213.0870, -12.8860, 13.2740



214.9710, 8.1120, 18.1920

Triad

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



213.0870, -12.8860, 13.2740



213.4310, 35.3950, 2.8110



204.0190, -28.5150, -17.3710

Complementary

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



213.0870, -12.8860, 13.2740



244.9130, 12.8860, -13.2740

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.



206.8440, -9.0290, -18.0930



213.0870, -12.8860, 13.2740



211.8440, 26.5020, -6.7300

Square

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



213.0870, -12.8860, 13.2740



214.8150, 34.6140, 11.4620



209.0160, 11.0980, -13.9100



203.1240, -41.8120, -13.1720

Rectangle

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



213.0870, -12.8860, 13.2740



215.3160, 20.2620, 18.2620



209.0160, 11.0980, -13.9100



205.0150, -22.6920, -18.2760

Sweetspot

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



213.0870, -12.8860, 13.2740



243.7810, -3.5770, 4.2550



236.8550, -24.7570, -8.3810



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.



213.0870, -12.8860, 13.2740



210.1130, -15.7750, 16.0730



219.3660, -0.3700, 17.7260



113.7810, -3.5770, 4.2550



23.0410, -57.6890, 59.8390



7.2530, -18.9850, 19.1830

Inverse Universe

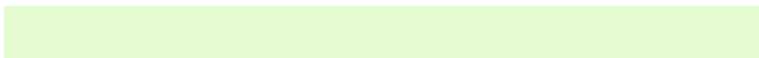
The Inverse Universe completely reimagines the original color for something new.



225.2320, 11.8710, 21.6550



224.9490, 14.3460, 26.3620



238.6340, 0.3700, -17.7260



117.3690, 3.5750, 6.7990



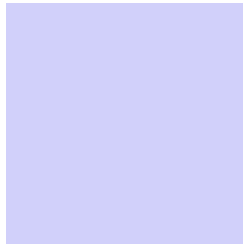
77.4870, 53.5800, 97.2920



25.0790, 17.0960, 31.5920

Previews

White Background



This preview shows how the YIQ color 213.0870, -12.8860, 13.2740 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 213.0870, -12.8860, 13.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

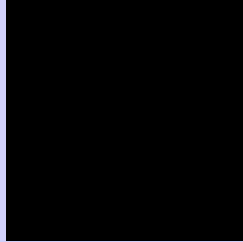
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.0870, -12.8860, 13.2740

Background



This preview shows how black text looks on a background with the YIQ color 213.0870, -12.8860, 13.2740.

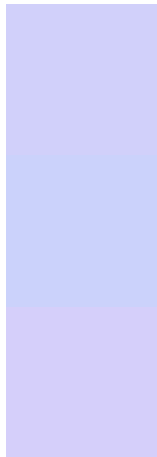


This preview shows how white text looks on a background with the YIQ color 213.0870, -12.8860, 13.2740.

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

213.0870, -12.8860, 13.2740

Protanopia

212.5810, -17.3330, 11.2670

Deuteranopia

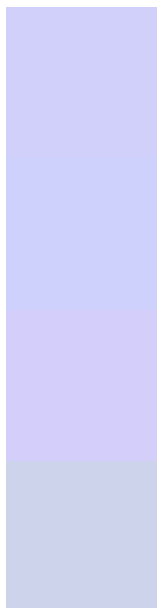
213.6960, -10.2270, 14.6450



Tritanopia

211.7310, -9.3080, 3.4920

Trichromacy



Original Color

213.0870, -12.8860, 13.2740

Protanomaly

212.5920, -15.8660, 12.2140

Deuteranomaly

213.3970, -10.8230, 14.4330

Tritanomaly

212.3550, -11.0050, 6.7150

Monochromacy



Original Color

213.0870, -12.8860, 13.2740

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0090, -4.2190, 4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0870, -12.8860, 13.2740 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(209, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 250)  
}
```

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(209, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 250) }
```

Border

The CSS property to change the border of an element to YIQ 213.0870, -12.8860, 13.2740 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(209, 208, 250) }
```


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

```
.border{ border-color:rgb(209, 208, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0870, -12.8860, 13.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 250) }
```

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

```
.background{ background-color: rgb(209,  
208, 250) }
```

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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