

Converting Colors

YIQ(213.8910, -15.2700,
12.4260)

Have a look what the booklet for
YIQ(213.8910, -15.2700, 12.4260)
contains.

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Color

**YIQ(213.8910, -15.2700,
12.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD2FC
RGB	207, 210, 252
RGB Percent	81%, 82%, 99%
CMY	0.1882, 0.1764, 0.0119
CMYK	0.18, 0.17, 0.00, 0.01
HSL	236°, 88%, 90%
HSV	236°, 18%, 99%
XYZ	66.3473, 66.3867, 101.3928
YIQ	213.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

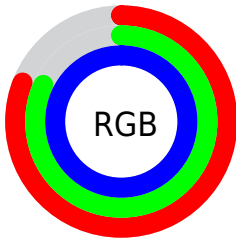
Format	Color
R _Y B	207, 210, 252
Decimal	13619964
CIE Lab	85.19, 7.36, -20.83
CIE LCh	85, 22.095, 289.459
Yxy	66.3867, 0.2834, 0.2836
Android (android.graphics.Color)	4291810044 (0xFFCFD2FC)
YUV	213.8910, 18.7877, -6.0434
Hunter-Lab	81.4781, 2.7654, -16.7469

Details

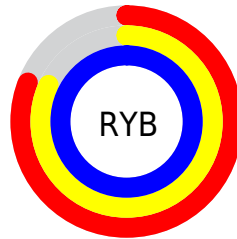
The YIQ color $213.8910, -15.2700, 12.4260$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.1090, 15.2700, -12.4260$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.2500, -14.9030, 11.2810$ is the 20% darker color. If you saturate the color by 10%, you get $192.3280, -23.5700, 19.6780$, and if you desaturate by 10%, it is $235.4540, -6.9700, 5.1740$.

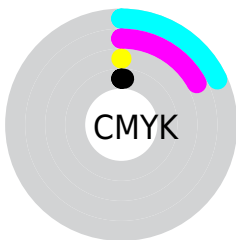
Distribution



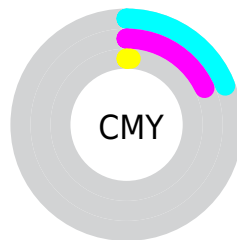
- Red (81%)
- Green (82%)
- Blue (99%)



- Red (81%)
- Yellow (82%)
- Blue (99%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.8910, -15.2700, 12.4260 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 213.8910, -15.2700, 12.4260 by changing the saturation by 10% instead.

■ 213.8910,
-15.2700, 12.4260

■ 213.8910,
-15.2700, 12.4260

255.0000, -0.0000,
-0.0000

■ 185.7770,
-14.9490, 12.1150

■ 159.2500,
-14.9030, 11.2810

■ 133.1360,
-14.5820, 10.9700

■ 107.7230,
-14.8570, 10.4470

■ 82.9080, -13.9400,
10.3480

■ 59.9680, -14.1690,
8.9910

■ 37.5550, -14.4440,

8.4680

■ 15.7290, -14.9940,
7.4220

■ 3.3230, -7.9790,
6.9410

■ 213.8910,
-15.2700, 12.4260

■ 213.8910,
-15.2700, 12.4260

■ 192.3280,
-23.5700, 19.6780

■ 235.4540, -6.9700,
5.1740

■ 171.3520,
-32.1450, 26.4070

254.6580, 0.9630,
-0.9330

■ 149.4900,
-41.0410, 33.4470

■ 128.5140,
-49.6160, 40.1760

■ 106.9510,
-57.9160, 47.4280

■ 85.9750, -66.4910,
54.1570

■ 64.4120, -74.7910,
61.4090

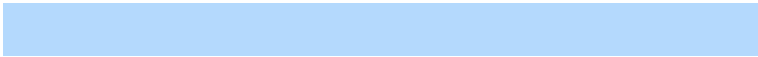
■ 43.1370, -83.9620,
67.9260

■ 38.7070, -85.5670,
69.4810

Harmonies

Analogous

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



210.0410, -33.6080, 3.3520



213.8910, -15.2700, 12.4260



216.1880, 6.0030, 17.8670

Triad

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



213.8910, -15.2700, 12.4260



214.3710, 35.6240, 4.1680



205.2750, -26.3600, -17.8800

Complementary

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



213.8910, -15.2700, 12.4260



245.1090, 15.2700, -12.4260

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.



207.9260, -6.3240, -17.5560



213.8910, -15.2700, 12.4260



212.8550, 27.9690, -5.7830

Square

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



213.8910, -15.2700, 12.4260



215.8580, 33.0550, 12.1830



210.7990, 13.2070, -13.5850



204.7820, -40.8490, -14.1050

Rectangle

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



213.8910, -15.2700, 12.4260



216.9460, 18.4280, 18.4600



210.7990, 13.2070, -13.5850



206.6840, -20.2620, -18.2620

Sweetspot

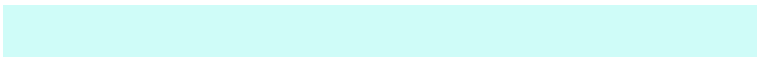
The Sweet Spot groups the original color and five complimentary colors.



213.8910, -15.2700, 12.4260



244.0690, -4.4480, 3.5200



238.0890, -25.5360, -10.7840



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.



213.8910, -15.2700, 12.4260



209.5040, -18.4340, 14.7020



217.8110, -3.1210, 18.0230



114.0690, -4.4480, 3.5200



29.1770, -64.2440, 51.9800



9.3020, -20.6810, 16.8790

Inverse Universe

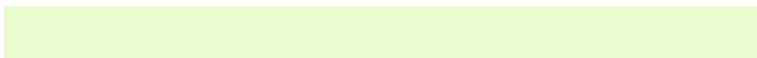
The Inverse Universe completely reimagines the original color for something new.



220.7970, 25.8570, 10.4730



217.6020, 30.9000, 12.6920



241.1890, 3.1210, -18.0230



116.0010, 7.4270, 3.0670



57.9930, 108.4710, 44.1110



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 213.8910, -15.2700, 12.4260 looks on a white background.

Color Contrast Check

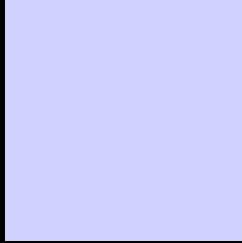
Large Text (above 18pt) WCAG AA × Fail

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 213.8910, -15.2700, 12.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

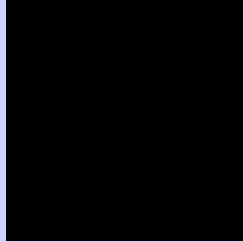
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.8910, -15.2700, 12.4260

Background



This preview shows how black text looks on a background with the YIQ color 213.8910, -15.2700, 12.4260.



This preview shows how white text looks on a background with the YIQ color 213.8910, -15.2700,

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

213.8910, -15.2700, 12.4260

Protanopia

213.6950, -17.6540, 11.5780

Deuteranopia

214.8100, -10.5480, 14.9560



Tritanopia

212.6490, -12.0130, 2.9550

Trichromacy



Original Color

213.8910, -15.2700, 12.4260

Protanomaly

213.9940, -17.0580, 11.7900

Deuteranomaly

214.5000, -12.6110, 13.7970

Tritanomaly

213.2730, -13.7100, 6.1780

Monochromacy



Original Color

213.8910, -15.2700, 12.4260

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.8910, -15.2700, 12.4260 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(207, 210, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 252)  
}
```

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(207, 210, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 252) }
```

Border

The CSS property to change the border of an element to YIQ 213.8910, -15.2700, 12.4260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

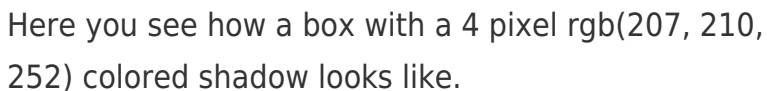
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 210, 252) }
```


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

```
.border{ border-color:rgb(207, 210, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 210, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 213.8910, -15.2700, 12.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 252) }
```

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

```
.background{ background-color: rgb(207,  
210, 252) }
```

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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