

Converting Colors

YIQ(215.6250, -11.4650,
15.0550)

Have a look what the booklet for
YIQ(215.6250, -11.4650, 15.0550)
contains.

YIQ(215.6250, -11.4650, 15.0550)	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(215.6250, -11.4650,
15.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D1FE
RGB	214, 209, 254
RGB Percent	84%, 82%, 100%
CMY	0.1607, 0.1804, 0.0040
CMYK	0.16, 0.18, 0.00, 0.00
HSL	247°, 96%, 91%
HSV	247°, 18%, 100%
XYZ	68.4206, 67.0521, 103.0849
YIQ	215.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

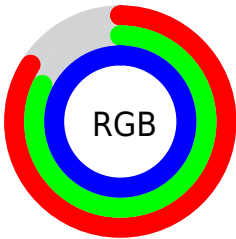
Format	Color
RYB	214, 209, 254
Decimal	14078462
CIELab	85.53, 10.48, -21.33
CIELCh	86, 23.769, 296.166
Yxy	67.0521, 0.2868, 0.2811
Android (android.graphics.Color)	4292268542 (0xFFD6D1FE)
YUV	215.6250, 18.9189, -1.4251
Hunter-Lab	81.8853, 5.8492, -17.3201

Details

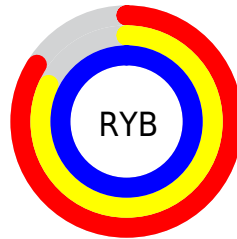
The YIQ color $215.6250, -11.4650, 15.0550$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $247.3750, 11.4650, -15.0550$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.9840, -11.0980, 13.9100$ is the 20% darker color. If you saturate the color by 10%, you get $194.0730, -18.2980, 23.2540$, and if you desaturate by 10%, it is $237.1770, -4.6320, 6.8560$.

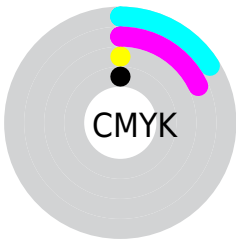
Distribution



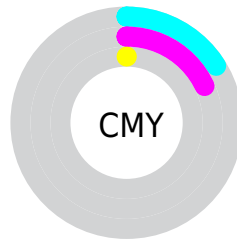
- Red (84%)
- Green (82%)
- Blue (100%)



- Red (84%)
- Yellow (82%)
- Blue (100%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.6250, -11.4650, 15.0550 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 215.6250, -11.4650, 15.0550 by changing the saturation by 10% instead.

■ 215.6250,
-11.4650, 15.0550

■ 215.6250,
-11.4650, 15.0550

255.0000, -0.0000,
-0.0000

■ 187.5110,
-11.1440, 14.7440

■ 160.9840,
-11.0980, 13.9100

■ 134.5710,
-11.3730, 13.3870

■ 109.3430,
-10.7310, 12.7650

■ 84.9300, -11.0060,
12.2420

■ 61.4030, -10.9600,
11.4080

■ 38.8760, -10.9140,

10.5740

■ 17.4630, -11.1890,
10.0510

■ 3.5510, -8.6210,
7.5630

■ 215.6250,
-11.4650, 15.0550

■ 215.6250,
-11.4650, 15.0550

■ 194.0730,
-18.2980, 23.2540

■ 237.1770, -4.6320,
6.8560

■ 172.2330,
-24.2600, 32.1880

254.8860, 0.3210,
-0.3110

■ 150.6810,
-31.0930, 40.3870

■ 128.8410,
-37.0550, 49.3210

■ 107.2890,
-43.8880, 57.5200

■ 86.0360, -50.1250,
65.9310

■ 63.8970, -56.6830,
74.6530

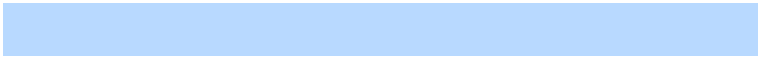
■ 42.3450, -63.5160,
82.8520

■ 37.3280, -64.8460,
84.9300

Harmonies

Analogous

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



211.4650, -31.8660, 4.8220



215.6250, -11.4650, 15.0550



217.5800, 10.7710, 19.5630

Triad

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



215.6250, -11.4650, 15.0550



215.2740, 37.2750, 1.7790



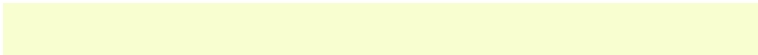
205.6270, -33.2830, -19.0670

Complementary

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



215.6250, -11.4650, 15.0550



247.3750, 11.4650, -15.0550

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.



207.9360, -12.2840, -19.6760



215.6250, -11.4650, 15.0550



213.0890, 27.1900, -8.1860

Square

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



215.6250, -11.4650, 15.0550



215.2880, 34.6600, 10.6280



210.4780, 9.6770, -15.6910



204.6720, -46.3510, -13.5110

Rectangle

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



215.6250, -11.4650, 15.0550



218.1100, 23.8380, 19.5340



210.4780, 9.6770, -15.6910



206.2210, -26.2680, -19.5480

Sweetspot

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



215.6250, -11.4650, 15.0550



244.0800, -2.9810, 4.4670



237.6100, -25.4450, -6.9250



121.2110, -1.9720, 2.7000



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.



215.6250, -11.4650, 15.0550



208.9500, -13.7580, 18.0660



222.2030, 1.6470, 19.7190



116.7810, -3.5770, 4.2550



28.0530, -48.7950, 63.8530



9.3890, -16.3720, 21.3880

Inverse Universe

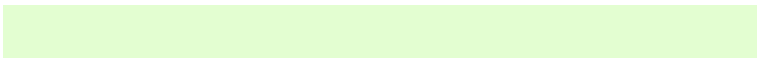
The Inverse Universe completely reimagines the original color for something new.



227.0150, 13.9800, 21.9800



222.6180, 16.7760, 26.3760



240.7970, -1.6470, -19.7190



120.1410, 4.2170, 6.1770



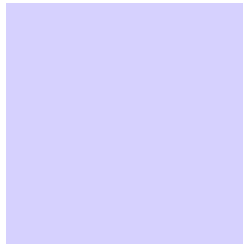
76.4890, 59.2660, 93.3620



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 215.6250, -11.4650, 15.0550 looks on a white background.

Color Contrast Check

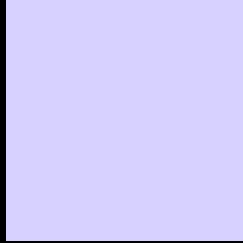
Large Text (above 18pt) WCAG AA × Fail

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 215.6250, -11.4650, 15.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

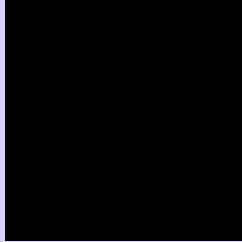
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.6250, -11.4650, 15.0550

Background



This preview shows how black text looks on a background with the YIQ color 215.6250, -11.4650, 15.0550.

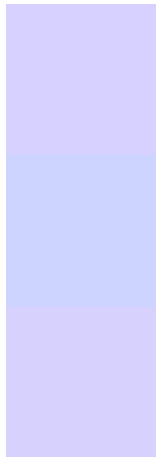


This preview shows how white text looks on a background with the YIQ color 215.6250, -11.4650,

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

215.6250, -11.4650, 15.0550

Protanopia

214.8090, -17.9750, 11.8890

Deuteranopia

215.9240, -10.8690, 15.2670



Tritanopia

214.0410, -7.2450, 4.6510

Trichromacy



Original Color

215.6250, -11.4650, 15.0550

Protanomaly

215.1190, -15.9120, 13.0480

Deuteranomaly

215.9240, -10.8690, 15.2670

Tritanomaly

214.7790, -9.2630, 8.1850

Monochromacy



Original Color

215.6250, -11.4650, 15.0550

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.5360, -4.2650, 5.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.6250, -11.4650, 15.0550 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(214, 209, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 254)  
}
```

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(214, 209, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 254) }
```

Border

The CSS property to change the border of an element to YIQ 215.6250, -11.4650, 15.0550 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(214, 209, 254) }
```


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

```
.border{ border-color:rgb(214, 209, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 215.6250, -11.4650, 15.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 254) }
```

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

```
.background{ background-color: rgb(214,  
209, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor