

Converting Colors

YIQ(215.9910, -3.8080, 13.9520)

Have a look what the booklet for
YIQ(215.9910, -3.8080, 13.9520)
contains.

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Color

**YIQ(215.9910, -3.8080,
13.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD0F4
RGB	221, 208, 244
RGB Percent	87%, 82%, 96%
CMY	0.1333, 0.1843, 0.0432
CMYK	0.09, 0.15, 0.00, 0.04
HSL	262°, 62%, 89%
HSV	262°, 15%, 96%
XYZ	68.7050, 67.0144, 94.8932
YIQ	215.9910, -3.8080, 13.9520

Conversions

Conversions Part 2

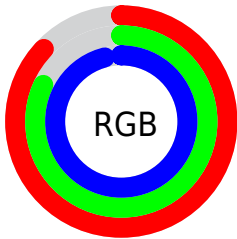
Format	Color
R_{YB}	221, 208, 244
Decimal	14536948
CIE _{Lab}	85.51, 11.18, -16.02
CIE _{LCh}	86, 19.537, 304.919
Yxy	67.0144, 0.2979, 0.2906
Android (android.graphics.Color)	4292727028 (0xFFDDD0F4)
YUV	215.9910, 13.8084, 4.3929
Hunter-Lab	81.8623, 6.5514, -11.4241

Details

The YIQ color $215.9910, -3.8080, 13.9520$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.0090, 3.8080, -13.9520$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.4640, -3.7620, 13.1180$ is the 20% darker color. If you saturate the color by 10%, you get $197.1190, -6.7440, 23.1120$, and if you desaturate by 10%, it is $234.8630, -0.8720, 4.7920$.

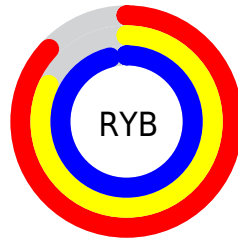
Distribution



Red (87%)

Green (82%)

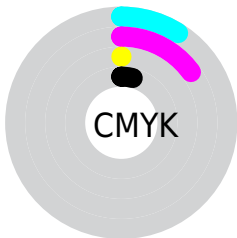
Blue (96%)



Red (87%)

Yellow (82%)

Blue (96%)

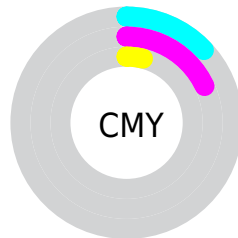


Cyan (9%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9910, -3.8080, 13.9520 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 215.9910, -3.8080, 13.9520 by changing the saturation by 10% instead.

■ 215.9910, -3.8080,
13.9520

■ 215.9910, -3.8080,
13.9520

255.0000, -0.0000,
-0.0000

■ 187.9910, -3.8080,
13.9520

■ 161.4640, -3.7620,
13.1180

■ 135.0510, -4.0370,
12.5950

■ 109.8230, -3.3950,
11.9730

■ 85.4100, -3.6700,
11.4500

■ 61.9970, -3.9450,
10.9270

■ 39.7690, -3.3030,

10.3050

■ 18.7690, -3.3030,
10.3050

■ 2.6390, -6.0530,
5.0750

■ 215.9910, -3.8080,
13.9520

■ 215.9910, -3.8080,
13.9520

■ 197.1190, -6.7440,
23.1120

■ 234.8630, -0.8720,
4.7920

■ 177.9590, -8.8090,
33.0070

■ 252.8490, 1.7430,
-4.0570

■ 159.0870,
-11.7450, 42.1670

■ 253.7460, 3.5310,
-3.4210

■ 139.9270,
-13.8100, 52.0620

■ 121.0550,
-16.7460, 61.2220

■ 102.4820,
-19.0860, 70.5940

■ 83.0230, -21.7470,
80.2770

■ 64.1510, -24.6830,
89.4370

■ 54.1280, -25.8760,
94.5400

Harmonies

Analogous

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



213.0210, -21.6880, 7.5920



215.9910, -3.8080, 13.9520



217.4400, 13.9810, 16.4530

Triad

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



215.9910, -3.8080, 13.9520



214.5010, 29.2060, -0.6660



207.2300, -30.4870, -14.6710

Complementary

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



215.9910, -3.8080, 13.9520



236.0090, 3.8080, -13.9520

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.



208.3750, -14.8980, -16.3540



215.9910, -3.8080, 13.9520



212.4840, 18.7080, -8.6520

Square

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



215.9910, -3.8080, 13.9520



216.5110, 32.4140, 7.2780



210.4110, 2.6160, -14.3760



207.4990, -38.3740, -9.3980

Rectangle

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



215.9910, -3.8080, 13.9520



217.2900, 23.1510, 15.4630



210.4110, 2.6160, -14.3760



207.1550, -25.9020, -15.1660

Sweetspot

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



215.9910, -3.8080, 13.9520



247.0370, -1.4220, 3.7460



225.6050, -17.8810, -0.8330



122.3960, -1.0550, 2.6010



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.



215.9910, -3.8080, 13.9520



219.3270, -4.6340, 17.9100



221.3730, 6.9200, 17.7680



112.8630, -0.8720, 4.7920



41.2370, -19.7740, 72.0500



13.0050, -6.4230, 22.8010

Inverse Universe

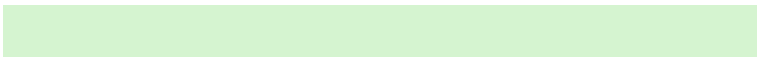
The Inverse Universe completely reimagines the original color for something new.



221.3860, 14.0730, 14.7850



226.0600, 18.1070, 18.7710



230.6270, -6.9200, -17.7680



114.5000, 4.5840, 5.0320



69.1800, 72.6570, 76.4410



21.8590, 23.2870, 24.0150

Previews

White Background



This preview shows how the YIQ color 215.9910, -3.8080, 13.9520 looks on a white background.

Color Contrast Check

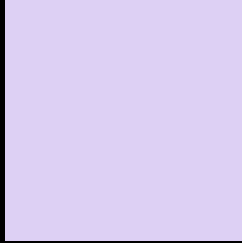
Large Text (above 18pt) WCAG AA × Fail

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 215.9910, -3.8080, 13.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

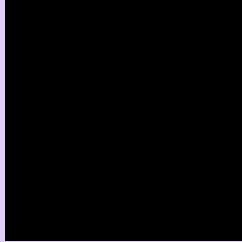
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.9910, -3.8080, 13.9520

Background



This preview shows how black text looks on a background with the YIQ color 215.9910, -3.8080, 13.9520.



This preview shows how white text looks on a background with the YIQ color 215.9910, -3.8080,

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

215.9910, -3.8080, 13.9520

Protanopia

214.7940, -13.6190, 10.0370

Deuteranopia

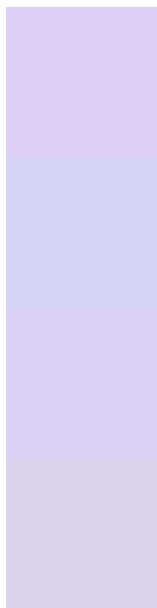
215.6920, -4.4040, 13.7400



Tritanopia

214.9170, -0.9640, 6.4600

Trichromacy



Original Color

215.9910, -3.8080, 13.9520

Protanomaly

215.5880, -10.0430, 11.3090

Deuteranomaly

215.6920, -4.4040, 13.7400

Tritanomaly

215.3130, -2.0190, 9.0610

Monochromacy



Original Color

215.9910, -3.8080, 13.9520

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9770, -1.1930, 5.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9910, -3.8080, 13.9520 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(221, 208, 244)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 244)  
}
```

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(221, 208, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 244) }
```

Border

The CSS property to change the border of an element to YIQ 215.9910, -3.8080, 13.9520 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(221, 208, 244) }
```


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

```
.border{ border-color:rgb(221, 208, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 208, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 208, 244); box-shadow:4px 4px 4px 4px rgb(221, 208, 244) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9910, -3.8080, 13.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 244) }
```

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

```
.background{ background-color: rgb(221,  
208, 244) }
```

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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