

Converting Colors

YIQ(217.8510, -0.5980, 10.8420)

Have a look what the booklet for
YIQ(217.8510, -0.5980, 10.8420)
contains.

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Color

**YIQ(217.8510, -0.5980,
10.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D3ED
RGB	224, 211, 237
RGB Percent	88%, 83%, 93%
CMY	0.1215, 0.1726, 0.0706
CMYK	0.05, 0.11, 0.00, 0.07
HSL	270°, 42%, 88%
HSV	270°, 11%, 93%
XYZ	69.3223, 68.5492, 89.6940
YIQ	217.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

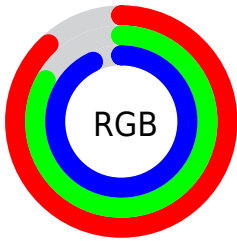
Format	Color
R _{YB}	224, 211, 237
Decimal	14734317
CIE Lab	86.28, 9.21, -11.14
CIE LCh	86, 14.452, 309.580
Yxy	68.5492, 0.3046, 0.3012
Android (android.graphics.Color)	4292924397 (0xFFE0D3ED)
YUV	217.8510, 9.4405, 5.3927
Hunter-Lab	82.7944, 4.5648, -6.2748

Details

The YIQ color $217.8510, -0.5980, 10.8420$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.1490, 0.5980, -10.8420$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.7370, -0.2770, 10.5310$ is the 20% darker color. If you saturate the color by 10%, you get $200.1750, -1.1500, 20.8500$, and if you desaturate by 10%, it is $235.5270, -0.0460, 0.8340$.

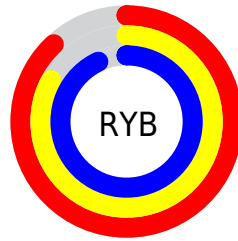
Distribution



Red (88%)

Green (83%)

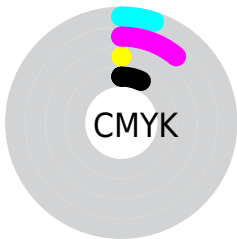
Blue (93%)



Red (88%)

Yellow (83%)

Blue (93%)

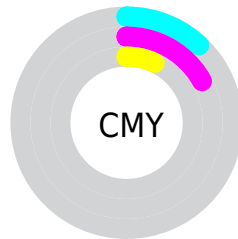


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8510, -0.5980, 10.8420 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 217.8510, -0.5980, 10.8420 by changing the saturation by 10% instead.

■ 217.8510, -0.5980,
10.8420

■ 217.8510, -0.5980,
10.8420

255.0000, -0.0000,
-0.0000

■ 189.8510, -0.5980,
10.8420

■ 162.7370, -0.2770,
10.5310

■ 136.3240, -0.5520,
10.0080

■ 111.2100, -0.2310,
9.6970

■ 86.7970, -0.5060,
9.1740

■ 63.3840, -0.7810,
8.6510

■ 41.2700, -0.4600,

8.3400

■ 20.8570, -0.7350,
7.8170

■ 1.2540, -3.5310,
3.4210

■ 217.8510, -0.5980,
10.8420

■ 217.8510, -0.5980,
10.8420

■ 200.1750, -1.1500,
20.8500

■ 235.5270, -0.0460,
0.8340

■ 183.0860, -1.9770,
30.3350

■ 250.8550, 1.6060,
-7.0820

■ 165.7090, -1.9330,
40.5550

■ 252.9480, 5.7780,
-5.5980

■ 148.0330, -2.4850,
50.5630

■ 130.9440, -3.3120,
60.0480

■ 113.2680, -3.8640,
70.0560

■ 95.5920, -4.4160,
80.0640

■ 77.9160, -4.9680,
90.0720

■ 62.5990, -5.1530,
98.9350

Harmonies

Analogous

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



216.3870, -14.0310, 6.4890



217.8510, -0.5980, 10.8420



219.0220, 12.1020, 11.9580

Triad

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



217.8510, -0.5980, 10.8420



216.7820, 21.0450, -1.4430



211.2850, -23.1520, -9.9360

Complementary

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



217.8510, -0.5980, 10.8420



230.1490, 0.5980, -10.8420

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.



211.7930, -13.0190, -11.8590



217.8510, -0.5980, 10.8420



215.0150, 12.8390, -6.9130

Square

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



217.8510, -0.5980, 10.8420



217.7380, 24.3450, 4.8330



213.2630, 0.2770, -10.5310



211.8810, -27.6460, -5.5820

Rectangle

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



217.8510, -0.5980, 10.8420



218.9040, 18.2460, 10.7420



213.2630, 0.2770, -10.5310



211.3130, -20.3550, -11.0670

Sweetspot

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



217.8510, -0.5980, 10.8420



249.1080, -0.1840, 3.3360



221.5950, -11.9210, 1.2870



123.5810, -0.1380, 2.5020



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.



217.8510, -0.5980, 10.8420



230.5460, -1.0570, 13.6550



221.7380, 7.1500, 13.5980



108.7490, -0.5510, 4.4810



47.8430, -3.8650, 75.5830



14.2290, -1.2420, 22.5180

Inverse Universe

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



220.2560, 11.3230, 9.5550



233.6910, 14.5320, 11.9720



226.2620, -7.1500, -13.5980



109.8590, 4.9510, 3.8870



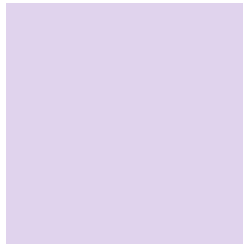
64.3790, 78.9860, 66.3620



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 217.8510, -0.5980, 10.8420 looks on a white background.

Color Contrast Check

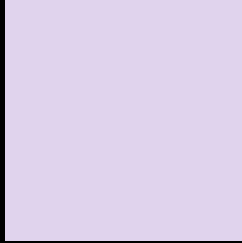
Large Text (above 18pt) WCAG AA × Fail

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 217.8510, -0.5980, 10.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

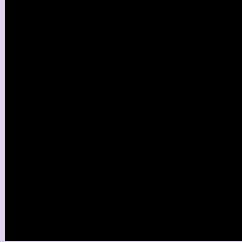
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.8510, -0.5980, 10.8420

Background



This preview shows how black text looks on a background with the YIQ color 217.8510, -0.5980, 10.8420.



This preview shows how white text looks on a background with the YIQ color 217.8510, -0.5980,

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

217.8510, -0.5980, 10.8420

Protanopia

216.5510, -8.6210, 7.5630

Deuteranopia

218.1610, 1.4650, 12.0010



Tritanopia

217.2270, 1.0990, 7.6190

Trichromacy



Original Color

217.8510, -0.5980, 10.8420

Protanomaly

217.0460, -5.6410, 8.6230

Deuteranomaly

217.8620, 0.8690, 11.7890

Tritanomaly

217.5690, 0.1360, 8.5520

Monochromacy



Original Color

217.8510, -0.5980, 10.8420

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.6350, -0.2300, 4.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8510, -0.5980, 10.8420 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(224, 211, 237)` looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 237)  
}
```

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(224, 211, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 237) }
```

Border

The CSS property to change the border of an element to YIQ 217.8510, -0.5980, 10.8420 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(224, 211, 237) }
```


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

```
.border{ border-color:rgb(224, 211, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 211, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8510, -0.5980, 10.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 237) }
```

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

```
.background{ background-color: rgb(224,  
211, 237) }
```

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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