

Converting Colors

YIQ(214.2810, 10.1750, 19.3510)

Have a look what the booklet for
YIQ(214.2810, 10.1750, 19.3510)
contains.

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Color

**YIQ(214.2810, 10.1750,
19.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC7EC
RGB	236, 199, 236
RGB Percent	93%, 78%, 93%
CMY	0.0744, 0.2196, 0.0745
CMYK	0.00, 0.16, 0.00, 0.07
HSL	300°, 49%, 85%
HSV	300°, 16%, 93%
XYZ	70.1621, 64.7338, 88.1561
YIQ	214.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

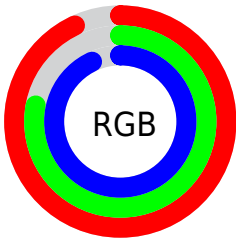
Format	Color
R _Y B	236, 199, 236
Decimal	15517676
CIE Lab	84.35, 19.35, -13.40
CIE LCh	84, 23.538, 325.312
Yxy	64.7338, 0.3146, 0.2902
Android (android.graphics.Color)	4293707756 (0xFFECC7EC)
YUV	214.2810, 10.7075, 19.0476
Hunter-Lab	80.4573, 14.8592, -8.6432

Details

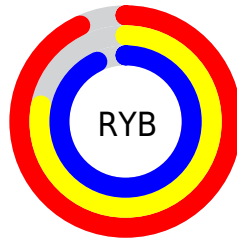
The YIQ color $214.2810, 10.1750, 19.3510$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $220.7190, -10.1750, -19.3510$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.4550, 9.6250, 18.3050$ is the 20% darker color. If you saturate the color by 10%, you get $200.1930, 16.7750, 31.9030$, and if you desaturate by 10%, it is $228.3690, 3.5750, 6.7990$.

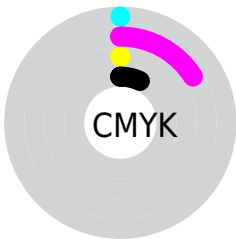
Distribution



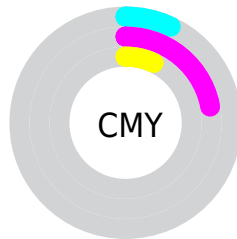
- Red (93%)
- Green (78%)
- Blue (93%)



- Red (93%)
- Yellow (78%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2810, 10.1750, 19.3510 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 214.2810, 10.1750, 19.3510 by changing the saturation by 10% instead.

214.2810, 10.1750,
19.3510

214.2810, 10.1750,
19.3510

255.0000, -0.0000,
-0.0000

186.8680, 9.9000,
18.8280

159.4550, 9.6250,
18.3050

133.0420, 9.3500,
17.7820

107.6290, 9.0750,
17.2590

82.9170, 8.2040,
16.5240

59.5040, 7.9290,
16.0010

37.6780, 7.3790,

14.9550

■ 14.9170, 8.2040,
16.5240

■ 1.0260, -2.8890,
2.7990

■ 214.2810, 10.1750,
19.3510

■ 214.2810, 10.1750,
19.3510

■ 200.1930, 16.7750,
31.9030

■ 228.3690, 3.5750,
6.7990

■ 186.6920, 23.1000,
43.9320

■ 241.8700, -2.7500,
-5.2300

■ 172.6040, 29.7000,
56.4840

■ 247.1530, -5.2250,
-9.9370

■ 159.1030, 36.0250,
68.5130

■ 145.0150, 42.6250,
81.0650

■ 130.9270, 49.2250,
93.6170

■ 117.4260, 55.5500,
105.6460

■ 103.3380, 62.1500,
118.1980

■ 97.4680, 64.9000,
123.4280

Harmonies

Analogous

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



212.2120, -11.7400, 14.5320



214.2810, 10.1750, 19.3510



214.3230, 27.5520, 18.3040

Triad

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



214.2810, 10.1750, 19.3510



210.0890, 27.1900, -8.1860



201.5580, -46.0300, -13.8220

Complementary

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



214.2810, 10.1750, 19.3510



220.7190, -10.1750, -19.3510

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.



202.2250, -32.0910, -18.6430



214.2810, 10.1750, 19.3510



207.4780, 9.6770, -15.6910

Square

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



214.2810, 10.1750, 19.3510



212.3880, 36.9540, 2.0900



204.6480, -11.4130, -18.9410



204.1270, -45.8940, -5.2700

Rectangle

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



214.2810, 10.1750, 19.3510



213.5100, 34.1550, 14.2750



204.6480, -11.4130, -18.9410



201.2440, -42.2700, -15.8860

Sweetspot

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



214.2810, 10.1750, 19.3510



247.3690, 3.5750, 6.7990



203.2180, -11.8770, 11.5070



123.1900, 2.5210, 3.8730



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.



214.2810, 10.1750, 19.3510



226.8240, 13.2000, 25.1040



212.2290, 15.9530, 13.7530



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Inverse Universe

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



214.2810, 10.1750, 19.3510



226.8240, 13.2000, 25.1040



222.8850, -16.2740, -13.4420



110.5430, 3.0250, 5.7530



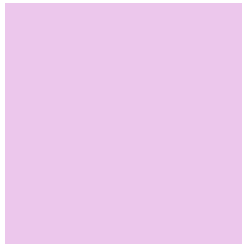
74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 214.2810, 10.1750, 19.3510 looks on a white background.

Color Contrast Check

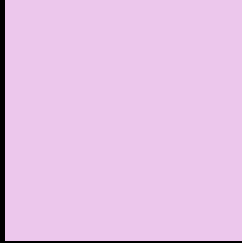
Large Text (above 18pt) WCAG AA × Fail

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 214.2810, 10.1750, 19.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

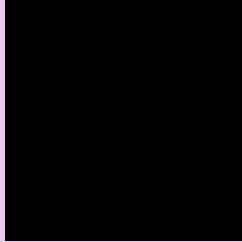
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.2810, 10.1750, 19.3510

Background



This preview shows how black text looks on a background with the YIQ color 214.2810, 10.1750, 19.3510.



This preview shows how white text looks on a background with the YIQ color 214.2810, 10.1750,

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

214.2810, 10.1750, 19.3510

Protanopia

211.5660, -12.9770, 9.4150

Deuteranopia

212.9050, -0.6900, 12.5100



Tritanopia

213.0930, 13.3400, 11.5480

Trichromacy



Original Color

214.2810, 10.1750, 19.3510

Protanomaly

212.2790, -4.6790, 13.2170

Deuteranomaly

213.5250, 3.4360, 14.8280

Tritanomaly

213.6030, 11.9640, 14.4600

Monochromacy



Original Color

214.2810, 10.1750, 19.3510

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.3690, 3.5750, 6.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2810, 10.1750, 19.3510 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(236, 199, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 236)  
}
```

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(236, 199, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 236) }
```

Border

The CSS property to change the border of an element to YIQ 214.2810, 10.1750, 19.3510 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(236, 199, 236) }
```


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

```
.border{ border-color:rgb(236, 199, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 199, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 199, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 199, 236); box-shadow:4px 4px 4px 4px rgb(236, 199, 236) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2810, 10.1750, 19.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 236) }
```

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

```
.background{ background-color: rgb(236,  
199, 236) }
```

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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