

Converting Colors

YIQ(214.3450, 4.1230, 18.8990)

Have a look what the booklet for
YIQ(214.3450, 4.1230, 18.8990)
contains.

YIQ(214.3450, 4.1230, 18.8990)	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(214.3450, 4.1230,
18.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C9F2
RGB	230, 201, 242
RGB Percent	90%, 79%, 95%
CMY	0.0979, 0.2118, 0.0510
CMYK	0.05, 0.17, 0.00, 0.05
HSL	282°, 61%, 87%
HSV	282°, 17%, 95%
XYZ	69.5511, 65.0052, 92.8828
YIQ	214.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

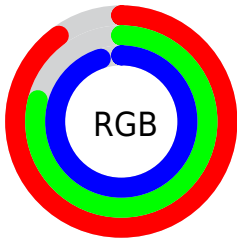
Format	Color
R _Y B	230, 201, 242
Decimal	15124978
CIE Lab	84.49, 17.44, -16.43
CIE LCh	84, 23.955, 316.704
Yxy	65.0052, 0.3058, 0.2858
Android (android.graphics.Color)	4293315058 (0xFFE6C9F2)
YUV	214.3450, 13.6339, 13.7294
Hunter-Lab	80.6258, 12.8862, -11.8654

Details

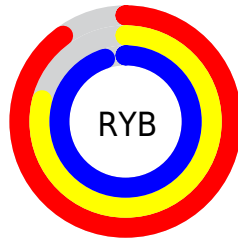
The YIQ color $214.3450, 4.1230, 18.8990$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $228.6550, -4.1230, -18.8990$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.5190, 3.5730, 17.8530$ is the 20% darker color. If you saturate the color by 10%, you get $198.1640, 6.5510, 29.9670$, and if you desaturate by 10%, it is $230.5260, 1.6950, 7.8310$.

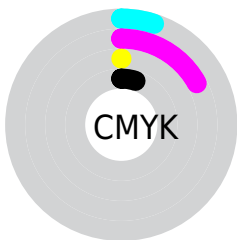
Distribution



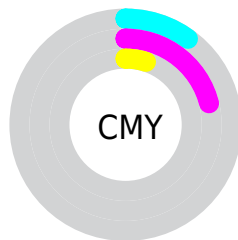
- Red (90%)
- Green (79%)
- Blue (95%)



- Red (90%)
- Yellow (79%)
- Blue (95%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.3450, 4.1230, 18.8990 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 214.3450, 4.1230, 18.8990 by changing the saturation by 10% instead.

214.3450, 4.1230,
18.8990

214.3450, 4.1230,
18.8990

255.0000, -0.0000,
-0.0000

186.9320, 3.8480,
18.3760

159.5190, 3.5730,
17.8530

133.1060, 3.2980,
17.3300

107.9920, 3.6190,
17.0190

83.1660, 3.0690,
15.9730

59.7530, 2.7940,
15.4500

37.9270, 2.2440,

14.4040

■ 15.9380, 3.7110,
15.3510

■ 2.4110, -5.4110,
4.4530

■ 214.3450, 4.1230,
18.8990

■ 214.3450, 4.1230,
18.8990

■ 198.1640, 6.5510,
29.9670

■ 230.5260, 1.6950,
7.8310

■ 181.9830, 8.9790,
41.0350

■ 246.7070, -0.7330,
-3.2370

■ 165.2150, 11.6820,
52.6260

■ 252.3220, 1.7890,
-4.8910

■ 149.0340, 14.1100,
63.6940

■ 253.5180, 4.1730,
-4.0430

■ 132.8530, 16.5380,
74.7620

■ 116.6720, 18.9660,
85.8300

■ 100.4910, 21.3940,
96.8980

■ 83.7230, 24.0970,
108.4890

■ 78.7170, 24.2340,
111.5140

Harmonies

Analogous

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



212.0370, -18.6170, 12.5110



214.3450, 4.1230, 18.8990



215.1100, 23.8380, 19.5340

Triad

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



214.3450, 4.1230, 18.8990



211.1220, 31.5910, -5.3450



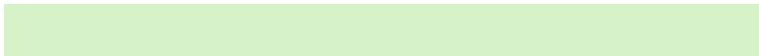
201.7600, -43.7830, -15.9990

Complementary

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



214.3450, 4.1230, 18.8990



228.6550, -4.1230, -18.8990

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.



203.0360, -27.1850, -19.4490



214.3450, 4.1230, 18.8990



208.3540, 15.9580, -13.8820

Square

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



214.3450, 4.1230, 18.8990



212.8660, 38.6040, 5.2280



205.4700, -5.0400, -18.8000



202.8770, -48.1860, -7.7860

Rectangle

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



214.3450, 4.1230, 18.8990



214.1940, 32.2290, 16.1410



205.4700, -5.0400, -18.8000



201.7450, -39.4270, -17.8510

Sweetspot

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



214.3450, 4.1230, 18.8990



246.1730, 1.1910, 5.9510



212.7180, -16.4610, 6.4750



122.4070, 0.4120, 3.5480



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.



214.3450, 4.1230, 18.8990



220.5780, 5.0850, 23.4930



217.0210, 13.8430, 18.9550



111.7600, 0.9160, 5.4280



59.8460, 18.4160, 84.7840



18.3440, 5.8640, 25.8960

Inverse Universe

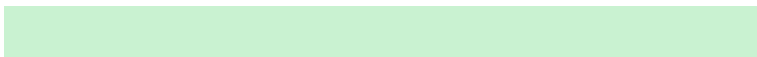
The Inverse Universe completely reimagines the original color for something new.



214.6270, 20.5840, 12.4240



220.9590, 25.5810, 15.4770



225.9790, -13.8430, -18.9550



111.9300, 6.1890, 3.4770



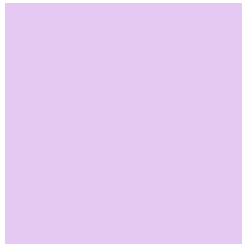
61.1720, 92.3300, 55.8020



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 214.3450, 4.1230, 18.8990 looks on a white background.

Color Contrast Check

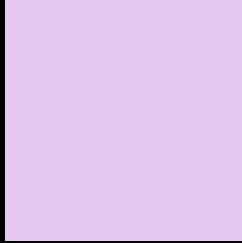
Large Text (above 18pt) WCAG AA × Fail

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 214.3450, 4.1230, 18.8990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

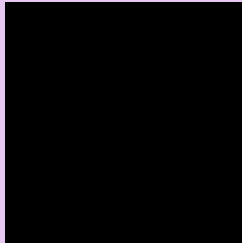
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.3450, 4.1230, 18.8990

Background



This preview shows how black text looks on a background with the YIQ color 214.3450, 4.1230, 18.8990.



This preview shows how white text looks on a background with the YIQ color 214.3450, 4.1230,

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

214.3450, 4.1230, 18.8990

Protanopia

211.8370, -15.1780, 10.7580

Deuteranopia

213.2790, -4.6790, 13.2170



Tritanopia

213.4020, 7.9760, 9.6400

Trichromacy



Original Color

214.3450, 4.1230, 18.8990

Protanomaly

212.5390, -8.3470, 13.6130

Deuteranomaly

213.6000, -1.1490, 15.3230

Tritanomaly

214.0260, 6.2790, 12.8630

Monochromacy



Original Color

214.3450, 4.1230, 18.8990

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9990, 1.7410, 6.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.3450, 4.1230, 18.8990 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(230, 201, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 242)  
}
```

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(230, 201, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 242) }
```

Border

The CSS property to change the border of an element to YIQ 214.3450, 4.1230, 18.8990 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(230, 201, 242) }
```


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

```
.border{ border-color:rgb(230, 201, 242) }
```

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

Here you see how a box with a 4 pixel rgb(230, 201, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 214.3450, 4.1230, 18.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 242) }
```

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

```
.background{ background-color: rgb(230,  
201, 242) }
```

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