

Converting Colors

YIQ(219.0560, -2.4330, 16.5670)

Have a look what the booklet for
YIQ(219.0560, -2.4330, 16.5670)
contains.

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Color

**YIQ(219.0560, -2.4330,
16.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1FA
RGB	227, 209, 250
RGB Percent	89%, 82%, 98%
CMY	0.1097, 0.1804, 0.0196
CMYK	0.09, 0.16, 0.00, 0.02
HSL	266°, 80%, 90%
HSV	266°, 16%, 98%
XYZ	71.7363, 68.8325, 99.9389
YIQ	219.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

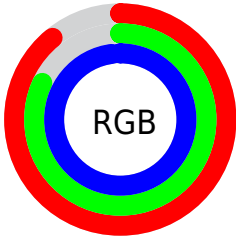
Format	Color
R _Y B	227, 209, 250
Decimal	14930426
CIE _{Lab}	86.42, 13.77, -17.78
CIE _{LCh}	86, 22.485, 307.752
Yxy	68.8325, 0.2983, 0.2862
Android (android.graphics.Color)	4293120506 (0xFFE3D1FA)
YUV	219.0560, 15.2554, 6.9669
Hunter-Lab	82.9653, 9.1515, -13.3442

Details

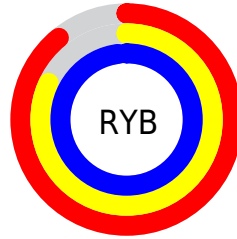
The YIQ color $219.0560, -2.4330, 16.5670$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.9440, 2.4330, -16.5670$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.1160, -2.6620, 15.2100$ is the 20% darker color. If you saturate the color by 10%, you get $200.1950, -3.9020, 26.6740$, and if you desaturate by 10%, it is $237.9170, -0.9640, 6.4600$.

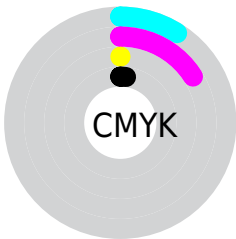
Distribution



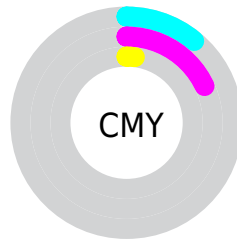
- Red (89%)
- Green (82%)
- Blue (98%)



- Red (89%)
- Yellow (82%)
- Blue (98%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0560, -2.4330, 16.5670 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 219.0560, -2.4330, 16.5670 by changing the saturation by 10% instead.

■ 219.0560, -2.4330,
16.5670

■ 219.0560, -2.4330,
16.5670

255.0000, -0.0000,
-0.0000

■ 190.9420, -2.1120,
16.2560

■ 164.1160, -2.6620,
15.2100

■ 138.0020, -2.3410,
14.8990

■ 112.0020, -2.3410,
14.8990

■ 87.4750, -2.2950,
14.0650

■ 64.0620, -2.5700,
13.5420

■ 42.1220, -2.7990,

12.1850

■ 21.0080, -2.4780,
11.8740

■ 3.2090, -7.6580,
6.6300

■ 219.0560, -2.4330,
16.5670

■ 219.0560, -2.4330,
16.5670

■ 200.1950, -3.9020,
26.6740

■ 237.9170, -0.9640,
6.4600

■ 181.3340, -5.3710,
36.7810

■ 254.4300, 1.6050,
-1.5550

■ 162.4730, -6.8400,
46.8880

■ 143.6120, -8.3090,
56.9950

■ 124.7510, -9.7780,
67.1020

■ 105.8900,
-11.2470, 77.2090

■ 87.0290, -12.7160,
87.3160

■ 68.1680, -14.1850,
97.4230

■ 61.3900, -14.6900,
101.0700

Harmonies

Analogous

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



215.3630, -22.6510, 8.5250



219.0560, -2.4330, 16.5670



220.1740, 17.7860, 19.0820

Triad

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



219.0560, -2.4330, 16.5670



217.3010, 32.6450, -2.4190



208.0550, -37.3640, -16.6920

Complementary

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



219.0560, -2.4330, 16.5670



239.9440, 2.4330, -16.5670

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.



209.7550, -19.0240, -18.6720



219.0560, -2.4330, 16.5670



215.0880, 19.7630, -11.2530

Square

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



219.0560, -2.4330, 16.5670



217.7670, 34.5690, 6.7690



212.3460, 1.2410, -16.9910



208.3780, -45.3430, -9.7510

Rectangle

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



219.0560, -2.4330, 16.5670



219.1980, 26.4060, 17.0460



212.3460, 1.2410, -16.9910



208.7520, -32.1370, -17.8090

Sweetspot

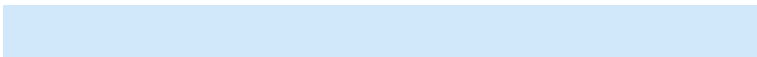
The Sweet Spot groups the original color and five complimentary colors.



219.0560, -2.4330, 16.5670



245.2760, -0.5970, 5.3150



227.1750, -19.4860, 0.7220



121.8090, -0.7800, 3.1240



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.



219.0560, -2.4330, 16.5670



216.3920, -3.2590, 20.5250



225.0360, 9.4870, 20.8070



115.2760, -0.5970, 5.3150



46.3630, -11.2010, 76.3750



15.0270, -3.4890, 24.6950

Inverse Universe

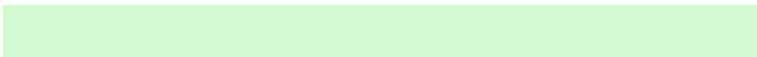
The Inverse Universe completely reimagines the original color for something new.



223.8810, 17.0530, 15.8450



222.5550, 21.0870, 19.8310



233.9640, -9.4870, -20.8070



116.6850, 5.5010, 4.9330



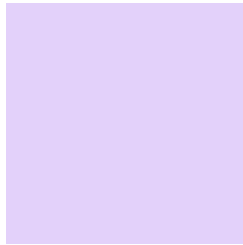
68.5950, 78.6180, 73.0340



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 219.0560, -2.4330, 16.5670 looks on a white background.

Color Contrast Check

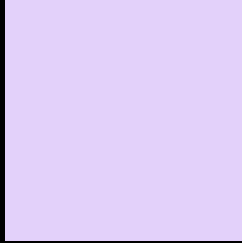
Large Text (above 18pt) WCAG AA × Fail

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 219.0560, -2.4330, 16.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

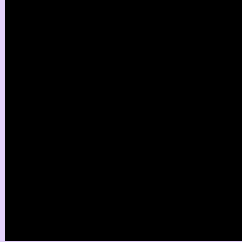
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.0560, -2.4330, 16.5670

Background



This preview shows how black text looks on a background with the YIQ color 219.0560, -2.4330, 16.5670.

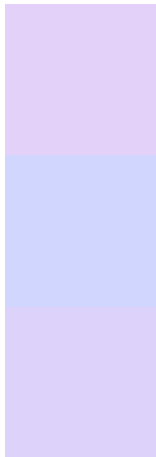


This preview shows how white text looks on a background with the YIQ color 219.0560, -2.4330,

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

219.0560, -2.4330, 16.5670

Protanopia

217.0650, -15.8200, 11.3800

Deuteranopia

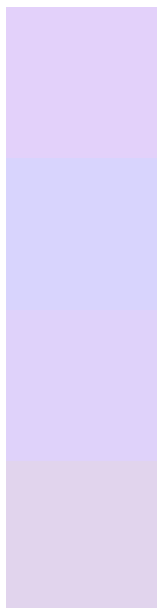
218.4360, -6.5590, 14.2490



Tritanopia

218.1130, 1.4200, 7.3080

Trichromacy



Original Color

219.0560, -2.4330, 16.5670

Protanomaly

217.8700, -10.7770, 13.5990

Deuteranomaly

218.4470, -5.0920, 15.1960

Tritanomaly

218.7370, -0.2770, 10.5310

Monochromacy



Original Color

219.0560, -2.4330, 16.5670

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.8030, -0.6430, 6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0560, -2.4330, 16.5670 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(227, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 250)  
}
```

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(227, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 250) }
```

Border

The CSS property to change the border of an element to YIQ 219.0560, -2.4330, 16.5670 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(227, 209, 250) }
```


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

```
.border{ border-color:rgb(227, 209, 250) }
```

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

Here you see how a box with a 4 pixel rgb(227, 209, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0560, -2.4330, 16.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 250) }
```

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

```
.background{ background-color: rgb(227,  
209, 250) }
```

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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