

Converting Colors

YIQ(218.4230, 3.4830, 8.4670)

Have a look what the booklet for
YIQ(218.4230, 3.4830, 8.4670)
contains.

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Color

**YIQ(218.4230, 3.4830,
8.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4E5
RGB	227, 212, 229
RGB Percent	89%, 83%, 90%
CMY	0.1098, 0.1686, 0.1020
CMYK	0.01, 0.07, 0.00, 0.10
HSL	293°, 25%, 86%
HSV	293°, 7%, 90%
XYZ	69.3671, 69.0738, 83.8054
YIQ	218.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

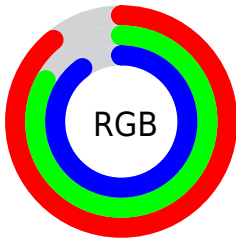
Format	Color
R _Y B	227, 212, 229
Decimal	14931173
CIE Lab	86.54, 8.18, -6.49
CIE LCh	87, 10.447, 321.566
Yxy	69.0738, 0.3121, 0.3108
Android (android.graphics.Color)	4293121253 (0xFFE3D4E5)
YUV	218.4230, 5.2145, 7.5220
Hunter-Lab	83.1107, 3.5387, -1.6082

Details

The YIQ color $218.4230, 3.4830, 8.4670$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.5770, -3.4830, -8.4670$, 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 $163.4230, 3.4830, 8.4670$ is the 20% darker color. If you saturate the color by 10%, you get $204.0250, 8.0200, 19.8600$, and if you desaturate by 10%, it is $232.8210, -1.0540, -2.9260$.

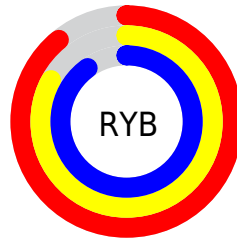
Distribution



Red (89%)

Green (83%)

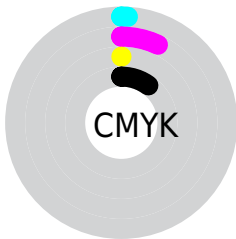
Blue (90%)



Red (89%)

Yellow (83%)

Blue (90%)

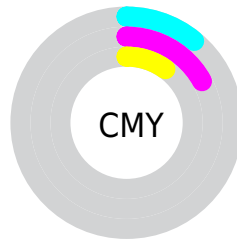


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.4230, 3.4830, 8.4670 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 218.4230, 3.4830, 8.4670 by changing the saturation by 10% instead.

■ 218.4230, 3.4830,
8.4670

■ 218.4230, 3.4830,
8.4670

255.0000, -0.0000,
-0.0000

■ 190.4230, 3.4830,
8.4670

■ 163.4230, 3.4830,
8.4670

■ 137.0100, 3.2080,
7.9440

■ 111.5970, 2.9330,
7.4210

■ 87.4830, 3.2540,
7.1100

■ 64.1840, 2.6580,
6.8980

■ 41.7710, 2.3830,

6.3750

■ 21.6570, 2.7040,
6.0640

■ 0.1140, -0.3210,
0.3110

■ 218.4230, 3.4830,
8.4670

■ 218.4230, 3.4830,
8.4670

■ 204.0250, 8.0200,
19.8600

■ 232.8210, -1.0540,
-2.9260

■ 189.9260, 13.1530,
31.4650

■ 245.1590, -5.3620,
-12.9620

■ 175.5280, 17.6900,
42.8580

■ 246.0560, -3.5740,
-12.3260

■ 161.1300, 22.2270,
54.2510

■ 246.9530, -1.7860,
-11.6900

147.0310, 27.3600,
65.8560

247.5510, -0.5940,
-11.2660

133.2200, 31.6220,
76.7260

248.4480, 1.1940,
-10.6300

118.8220, 36.1590,
88.1190

249.3450, 2.9820,
-9.9940

104.7230, 41.2920,
99.7240

249.9430, 4.1740,
-9.5700

90.3250, 45.8290,
111.1170

250.8400, 5.9620,
-8.9340

Harmonies

Analogous

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



217.2800, -6.4200, 6.2200



218.4230, 3.4830, 8.4670



218.6150, 11.6900, 8.4100

Triad

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



218.4230, 3.4830, 8.4670



216.8350, 13.5260, -2.8420



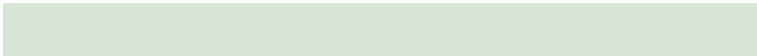
213.1440, -18.2010, -6.0490

Complementary

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



218.4230, 3.4830, 8.4670



222.5770, -3.4830, -8.4670

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.



213.2000, -12.6070, -8.3110



218.4230, 3.4830, 8.4670



215.4210, 5.8240, -6.4320

Square

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



218.4230, 3.4830, 8.4670



217.9220, 17.8350, 1.6670



214.5770, -3.4830, -8.4670



214.4800, -19.0270, -2.0910

Rectangle

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



218.4230, 3.4830, 8.4670



218.7140, 15.7250, 6.8690



214.5770, -3.4830, -8.4670



213.6880, -16.9170, -7.2930

Sweetspot

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



218.4230, 3.4830, 8.4670



251.7660, 0.7790, 2.4030



215.1120, -6.0070, 4.2410



125.9400, 0.2290, 1.3570



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.



218.4230, 3.4830, 8.4670



240.6020, 4.5370, 11.3930



218.3370, 6.6010, 7.0250



107.3580, 2.1080, 5.8520



67.6480, 36.7090, 89.1650



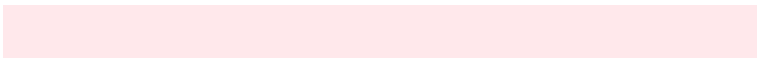
19.2690, 10.4490, 25.4010

Inverse Universe

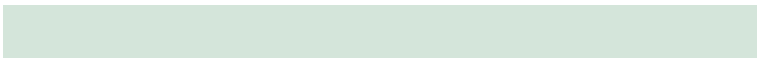
The Inverse Universe completely reimagines the original color for something new.



217.3110, 9.4900, 4.2260



239.2190, 12.7450, 5.8090



222.6630, -6.6010, -7.0250



106.8160, 6.5100, 3.1660



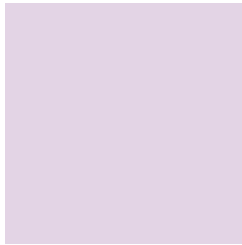
55.9150, 99.9430, 44.4790



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 218.4230, 3.4830, 8.4670 looks on a white background.

Color Contrast Check

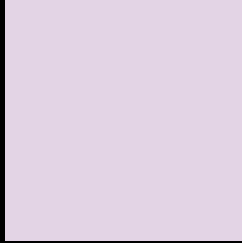
Large Text (above 18pt) WCAG AA × Fail

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 218.4230, 3.4830, 8.4670 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 218.4230, 3.4830, 8.4670

Background



This preview shows how black text looks on a background with the YIQ color 218.4230, 3.4830, 8.4670.



This preview shows how white text looks on a background with the YIQ color 218.4230, 3.4830,

8.4670.

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

218.4230, 3.4830, 8.4670

Protanopia

217.1230, -4.5400, 5.1880

Deuteranopia

218.7440, 7.0130, 10.5730



Tritanopia

218.4230, 3.4830, 8.4670

Trichromacy



Original Color

218.4230, 3.4830, 8.4670

Protanomaly

217.6180, -1.5600, 6.2480

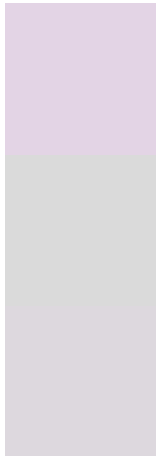
Deuteranomaly

218.7330, 5.5460, 9.6260

Tritanomaly

218.4230, 3.4830, 8.4670

Monochromacy



Original Color

218.4230, 3.4830, 8.4670

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.4230, 3.4830, 8.4670 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, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 229)  
}
```

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, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 229) }
```

Border

The CSS property to change the border of an element to YIQ 218.4230, 3.4830, 8.4670 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, 212, 229) }
```


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

```
.border{ border-color:rgb(227, 212, 229) }
```

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

Here you see how a box with a 4 pixel rgb(227, 212, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 218.4230, 3.4830, 8.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 229) }
```

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

```
.background{ background-color: rgb(227,  
212, 229) }
```

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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