

Converting Colors

YIQ(216.2630, 1.4180, 18.3620)

Have a look what the booklet for
YIQ(216.2630, 1.4180, 18.3620)
contains.

| | |
|--|----|
| YIQ(216.2630, 1.4180, 18.3620) | 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(216.2630, 1.4180,
18.3620)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E5CCF6 |
| RGB | 229, 204, 246 |
| RGB Percent | 90%, 80%, 96% |
| CMY | 0.1019, 0.2000, 0.0353 |
| CMYK | 0.07, 0.17, 0.00, 0.04 |
| HSL | 276°, 70%, 88% |
| HSV | 276°, 17%, 96% |
| XYZ | 70.5440, 66.4958, 96.3002 |
| YIQ | 216.2630, 1.4180, 18.3620 |

Conversions

Conversions Part 2

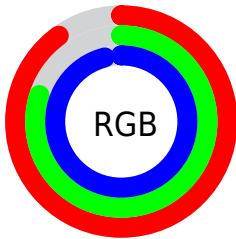
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 204, 246 |
| Decimal | 15060214 |
| CIE Lab | 85.25, 16.28, -17.41 |
| CIE LCh | 85, 23.839, 313.082 |
| Yxy | 66.4958, 0.3023, 0.2850 |
| Android (android.graphics.Color) | 4293250294 (0xFFE5CCF6) |
| YUV | 216.2630, 14.6603, 11.1703 |
| Hunter-Lab | 81.5450, 11.7154, -12.9368 |

Details

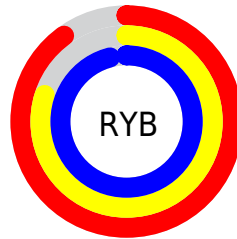
The YIQ color $216.2630, 1.4180, 18.3620$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.7370, -1.4180, -18.3620$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.4370, 0.8680, 17.3160$ is the 20% darker color. If you saturate the color by 10%, you get $198.5980, 2.3330, 29.3170$, and if you desaturate by 10%, it is $233.9280, 0.5030, 7.4070$.

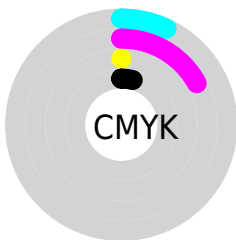
Distribution



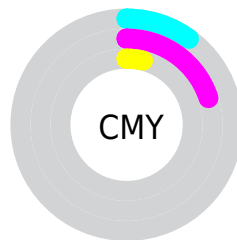
- Red (90%)
- Green (80%)
- Blue (96%)



- Red (90%)
- Yellow (80%)
- Blue (96%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2630, 1.4180, 18.3620 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 216.2630, 1.4180, 18.3620 by changing the saturation by 10% instead.

216.2630, 1.4180,
18.3620

216.2630, 1.4180,
18.3620

255.0000, -0.0000,
-0.0000

188.7360, 1.4640,
17.5280

161.4370, 0.8680,
17.3160

135.3230, 1.1890,
17.0050

109.7960, 1.2350,
16.1710

85.3830, 0.9600,
15.6480

61.8560, 1.0060,
14.8140

40.0300, 0.4560,

13.7680

■ 17.7420, 1.3270,
14.5030

■ 2.8670, -6.6950,
5.6970

■ 216.2630, 1.4180,
18.3620

■ 216.2630, 1.4180,
18.3620

■ 198.5980, 2.3330,
29.3170

■ 233.9280, 0.5030,
7.4070

■ 181.5200, 2.9730,
39.7490

■ 251.0060, -0.1370,
-3.0250

■ 163.8550, 3.8880,
50.7040

■ 253.9740, 2.8890,
-2.7990

■ 146.7770, 4.5280,
61.1360

■ 129.1120, 5.4430,
72.0910

■ 111.4470, 6.3580,
83.0460

■ 94.3690, 6.9980,
93.4780

■ 77.0030, 8.5090,
104.6450

■ 71.9970, 8.6460,
107.6700

Harmonies

Analogous

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



213.3140, -20.9550, 10.8290



216.2630, 1.4180, 18.3620



216.8540, 21.6830, 20.0430

Triad

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



216.2630, 1.4180, 18.3620



213.2470, 32.7370, -4.0870



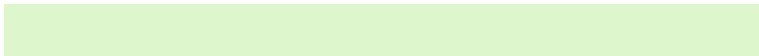
203.7170, -42.2240, -16.7200

Complementary

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



216.2630, 1.4180, 18.3620



233.7370, -1.4180, -18.3620

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.



205.5910, -24.4340, -19.7460



216.2630, 1.4180, 18.3620



211.2510, 17.7460, -13.2460

Square

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



216.2630, 1.4180, 18.3620



215.0940, 37.9620, 5.8500



208.2530, -2.9310, -18.4750



204.9370, -48.4150, -9.1430

Rectangle

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



216.2630, 1.4180, 18.3620



215.9380, 30.0740, 16.6500



208.2530, -2.9310, -18.4750



204.4140, -36.9970, -17.8370

Sweetspot

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



216.2630, 1.4180, 18.3620



245.8740, 0.5950, 5.7390



218.7670, -18.1570, 4.1710



122.1080, -0.1840, 3.3360



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.



216.2630, 1.4180, 18.3620



218.7840, 1.5090, 22.2210



220.8900, 12.8340, 20.7220



113.4610, 0.3200, 5.2160



54.3930, 6.4500, 81.3780



17.1910, 1.9210, 25.7690

Inverse Universe

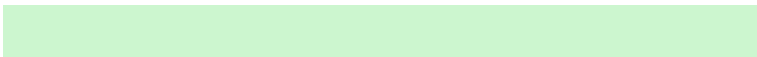
The Inverse Universe completely reimagines the original color for something new.



218.4960, 19.5750, 14.1910



221.6430, 23.6550, 17.3430



228.9960, -12.5130, -21.0330



114.1580, 5.5470, 4.0990



64.1640, 86.7810, 62.7570



20.3770, 27.4600, 19.9720

Previews

White Background



This preview shows how the YIQ color 216.2630, 1.4180, 18.3620 looks on a white background.

Color Contrast Check

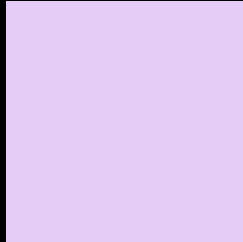
Large Text (above 18pt) WCAG AA × Fail

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 216.2630, 1.4180, 18.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

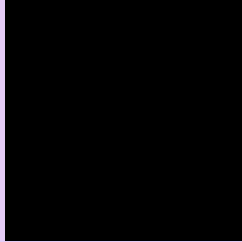
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.2630, 1.4180, 18.3620

Background



This preview shows how black text looks on a background with the YIQ color 216.2630, 1.4180, 18.3620.



This preview shows how white text looks on a background with the YIQ color 216.2630, 1.4180,

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

216.2630, 1.4180, 18.3620

Protanopia

213.7660, -16.4160, 11.1680

Deuteranopia

215.2080, -5.9170, 13.6270



Tritanopia

215.2060, 5.5920, 8.7920

Trichromacy



Original Color

216.2630, 1.4180, 18.3620

Protanomaly

214.4680, -9.5850, 14.0230

Deuteranomaly

215.8170, -3.2580, 14.9980

Tritanomaly

215.8300, 3.8950, 12.0150

Monochromacy



Original Color

216.2630, 1.4180, 18.3620

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.4010, 0.5490, 6.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2630, 1.4180, 18.3620 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(229, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 246)  
}
```

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(229, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 246) }
```

Border

The CSS property to change the border of an element to YIQ 216.2630, 1.4180, 18.3620 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(229, 204, 246) }
```


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

```
.border{ border-color:rgb(229, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2630, 1.4180, 18.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 246) }
```

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

```
.background{ background-color: rgb(229,  
204, 246) }
```

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