

Converting Colors

YIQ(188.4130, 1.4160, 29.4160)

Have a look what the booklet for
YIQ(188.4130, 1.4160, 29.4160)
contains.

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Color

**YIQ(188.4130, 1.4160,
29.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A9ED
RGB	208, 169, 237
RGB Percent	82%, 66%, 93%
CMY	0.1842, 0.3373, 0.0706
CMYK	0.12, 0.29, 0.00, 0.07
HSL	274°, 65%, 80%
HSV	274°, 29%, 93%
XYZ	55.4914, 47.8985, 86.4322
YIQ	188.4130, 1.4160, 29.4160

Conversions

Conversions Part 2

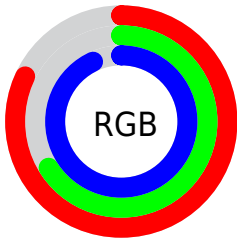
Format	Color
R_{YB}	208, 169, 237
Decimal	13674989
CIE _{Lab}	74.76, 26.68, -28.70
CIE _{LCh}	75, 39.187, 312.915
Yxy	47.8985, 0.2923, 0.2523
Android (android.graphics.Color)	4291865069 (0xFFD0A9ED)
YUV	188.4130, 23.9534, 17.1778
Hunter-Lab	69.2088, 22.0054, -25.5989

Details

The YIQ color $188.4130, 1.4160, 29.4160$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $217.5870, -1.4160, -29.4160$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3900, 8.2500, 15.6900$, and $135.0600, 0.9120, 27.5360$ is the 20% darker color. If you saturate the color by 10%, you get $171.3350, 2.0560, 39.8480$, and if you desaturate by 10%, it is $205.4910, 0.7760, 18.9840$.

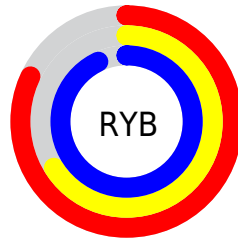
Distribution



Red (82%)

Green (66%)

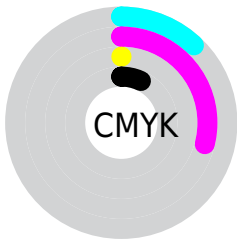
Blue (93%)



Red (82%)

Yellow (66%)

Blue (93%)

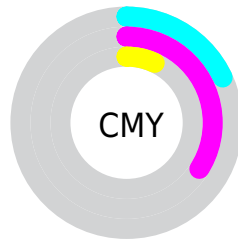


Cyan (12%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (18%)


Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.4130, 1.4160, 29.4160 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 188.4130, 1.4160, 29.4160 by changing the saturation by 10% instead.


 188.4130, 1.4160,
29.4160

 188.4130, 1.4160,
29.4160

255.0000, -0.0000,
-0.0000


 161.0000, 1.1410,
28.8930


 236.8030, 8.5250,
16.2130


 135.0600, 0.9120,
27.5360

 253.8260, 0.5500,
1.0460

 109.2340, 0.3620,
26.4900

 84.7070, 0.4080,
25.6560

 60.7670, 0.1790,
24.2990

 37.9410, -0.3710,
23.2530

 14.9410, -0.3710,

23.2530

■ 3.7620, -10.5930,
10.2630

■ 0.6840, -1.9260,
1.8660

■ 188.4130, 1.4160,
29.4160

■ 188.4130, 1.4160,
29.4160

■ 171.3350, 2.0560,
39.8480

■ 205.4910, 0.7760,
18.9840

■ 154.8440, 2.4210,
49.7570

■ 221.9820, 0.4110,
9.0750

■ 137.7660, 3.0610,
60.1890

■ 239.0600, -0.2290,
-1.3570

■ 120.6880, 3.7010,
70.6210

■ 250.8550, 1.6060,
-7.0820

■ 103.6100, 4.3410,
81.0530

■ 252.9480, 5.7780,
-5.5980

■ 86.8200, 4.1100,
90.7500

■ 69.7420, 4.7500,
101.1820

■ 67.6820, 4.9790,
102.5390

Harmonies

Analogous

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



183.0320, -37.4160, 17.3040



188.4130, 1.4160, 29.4160



188.8760, 33.7850, 32.0010

Triad

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



188.4130, 1.4160, 29.4160



183.4090, 49.6560, -7.8480



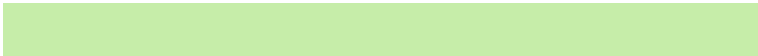
158.8900, -85.7320, -32.1960

Complementary

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



188.4130, 1.4160, 29.4160



217.5870, -1.4160, -29.4160

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.



169.0350, -43.7800, -32.5800



188.4130, 1.4160, 29.4160



180.0590, 26.7340, -21.9540

Square

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



188.4130, 1.4160, 29.4160



185.4510, 59.0060, 9.9340



175.3200, -5.0380, -29.8540



156.0960, -106.5030, -24.7030

Rectangle

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



188.4130, 1.4160, 29.4160



187.6680, 48.8700, 28.4380



175.3200, -5.0380, -29.8540



162.4910, -71.4270, -32.6350

Sweetspot

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



188.4130, 1.4160, 29.4160



238.5090, 0.3650, 9.9090



193.7750, -29.8030, 5.9810



117.4010, 0.5490, 6.5730



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.



188.4130, 1.4160, 29.4160



192.8680, 1.8730, 37.6570



196.5140, 20.3050, 34.0090



109.0480, 0.0450, 4.6930



51.7300, 3.8830, 78.3390



15.4250, 1.1420, 23.3660

Inverse Universe

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



192.6380, 31.2190, 23.4350



198.2310, 39.9750, 29.9510



209.4860, -20.3050, -34.0090



109.8590, 4.9510, 3.8870



62.8970, 83.1590, 62.3190



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 188.4130, 1.4160, 29.4160 looks on a white background.

Color Contrast Check

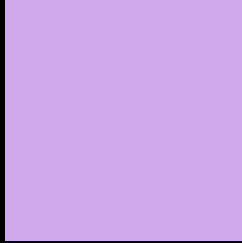
Large Text (above 18pt) WCAG AA × Fail

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 188.4130, 1.4160, 29.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

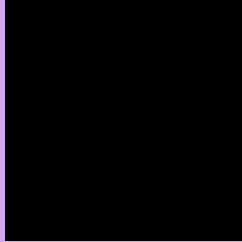
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.4130, 1.4160, 29.4160

Background



This preview shows how black text looks on a background with the YIQ color 188.4130, 1.4160, 29.4160.



This preview shows how white text looks on a background with the YIQ color 188.4130, 1.4160,

29.4160.

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

188.4130, 1.4160, 29.4160

Protanopia

184.6260, -30.4010, 16.8230

Deuteranopia

185.6610, -20.3140, 15.7340



Tritanopia

186.4730, 9.2140, 9.2300

Trichromacy



Original Color

188.4130, 1.4160, 29.4160

Protanomaly

185.7200, -18.8020, 21.3740

Deuteranomaly

187.0150, -12.3830, 20.6810

Tritanomaly

187.4330, 6.6910, 16.4110

Monochromacy



Original Color

188.4130, 1.4160, 29.4160

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0360, 0.3190, 10.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4130, 1.4160, 29.4160 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(208, 169, 237)` looks like.

```
.text, #text, p{  
    color:rgb(208, 169, 237)  
}
```

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(208, 169, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 169, 237) }
```

Border

The CSS property to change the border of an element to YIQ 188.4130, 1.4160, 29.4160 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(208, 169, 237) }
```


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

```
.border{ border-color:rgb(208, 169, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 169, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 169, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 169, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 169,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4130, 1.4160, 29.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 169, 237) }
```

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

```
.background{ background-color: rgb(208,  
169, 237) }
```

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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