

Converting Colors

YIQ(171.8210, 18.4230, 46.0950)

Have a look what the booklet for
YIQ(171.8210, 18.4230, 46.0950)
contains.

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Color

**YIQ(171.8210, 18.4230,
46.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	DA89E6
RGB	218, 137, 230
RGB Percent	85%, 54%, 90%
CMY	0.1448, 0.4629, 0.0980
CMYK	0.05, 0.40, 0.00, 0.10
HSL	292°, 65%, 72%
HSV	292°, 40%, 90%
XYZ	52.1564, 38.5102, 79.5474
YIQ	171.8210, 18.4230, 46.0950

Conversions

Conversions Part 2

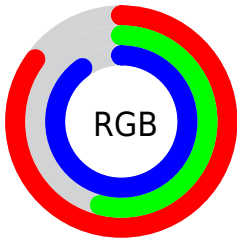
Format	Color
R _Y B	218, 137, 230
Decimal	14322150
CIE Lab	68.39, 45.58, -34.62
CIE LCh	68, 57.235, 322.779
Yxy	38.5102, 0.3064, 0.2262
Android (android.graphics.Color)	4292512230 (0xFFDA89E6)
YUV	171.8210, 28.6822, 40.4990
Hunter-Lab	62.0566, 41.4240, -32.5614

Details

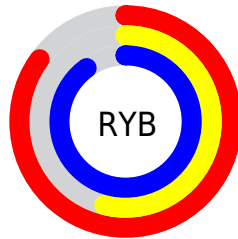
The YIQ color **171.8210, 18.4230, 46.0950** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **195.1790, -18.4230, -46.0950**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.0190, 17.3250, 32.9490**, and **117.8700, 16.7270, 43.7910** is the 20% darker color. If you saturate the color by 10%, you get **157.4230, 22.9600, 57.4880**, and if you desaturate by 10%, it is **186.2190, 13.8860, 34.7020**.

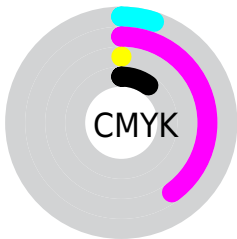
Distribution



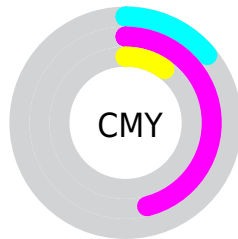
- Red (85%)
- Green (54%)
- Blue (90%)



- Red (85%)
- Yellow (54%)
- Blue (90%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (46%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8210, 18.4230, 46.0950 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 171.8210, 18.4230, 46.0950 by changing the saturation by 10% instead.

171.8210, 18.4230,
46.0950

171.8210, 18.4230,
46.0950

255.0000, -0.0000,
-0.0000

144.1090, 17.5520,
45.3600

218.0190, 17.3250,
32.9490

117.8700, 16.7270,
43.7910

234.4550, 9.6250,
18.3050

91.4570, 16.4520,
43.2680

251.4780, 1.6500,
3.1380

65.1580, 15.8560,
43.0560

35.1630, 17.4600,
47.0280

24.9520, 10.2640,
34.2640

16.0510, 5.1310,

22.6590

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 171.8210, 18.4230,
46.0950

■ 171.8210, 18.4230,
46.0950

■ 157.4230, 22.9600,
57.4880

■ 186.2190, 13.8860,
34.7020

■ 143.0250, 27.4970,
68.8810

■ 200.6170, 9.3490,
23.3090

■ 128.6270, 32.0340,
80.2740

■ 215.0150, 4.8120,
11.9160

■ 114.2290, 36.5710,
91.6670

■ 229.4130, 0.2750,
0.5230

■ 99.8310, 41.1080,
103.0600

■ 243.8110, -4.2620,
-10.8700

■ 86.0200, 45.3700,
113.9300

■ 246.4690, -3.2990,
-11.8030

■ 247.3660, -1.5110,
-11.1670

■ 248.2630, 0.2770,
-10.5310

■ 249.1600, 2.0650,
-9.8950

Harmonies

Analogous

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



166.0680, -37.0970, 28.0470



171.8210, 18.4230, 46.0950



168.6070, 60.0080, 46.8560

Triad

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



171.8210, 18.4230, 46.0950



162.2400, 59.8370, -21.6590



136.0740, -118.6050, -36.6610

Complementary

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



171.8210, 18.4230, 46.0950



195.1790, -18.4230, -46.0950

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.



130.0320, -101.5920, -53.1440



171.8210, 18.4230, 46.0950



157.6650, 24.3070, -38.5490

Square

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



171.8210, 18.4230, 46.0950



164.5270, 79.0430, 4.7310



148.5030, -28.1430, -46.1510



138.0410, -131.0330, -20.6730

Rectangle

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



171.8210, 18.4230, 46.0950



164.0300, 71.5180, 36.4940



148.5030, -28.1430, -46.1510



134.1360, -113.1480, -41.9480

Sweetspot

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



171.8210, 18.4230, 46.0950



235.6070, 6.1410, 15.3650



154.6460, -33.1530, 22.6470



116.5370, 3.1620, 8.7780



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.



171.8210, 18.4230, 46.0950



176.8410, 24.8390, 61.9830



171.5330, 36.4890, 38.0650



107.3580, 2.1080, 5.8520



67.0500, 35.5170, 88.7410



18.9700, 9.8530, 25.1890

Inverse Universe

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



166.1750, 51.5760, 23.4480



169.1990, 69.3640, 31.4760



195.4670, -36.4890, -38.0650



106.8160, 6.5100, 3.1660



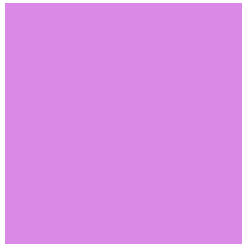
56.1430, 99.3010, 45.1010



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 171.8210, 18.4230, 46.0950 looks on a white background.

Color Contrast Check

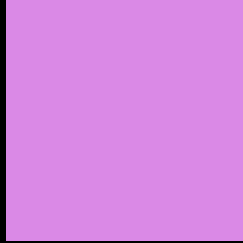
Large Text (above 18pt) WCAG AA × Fail

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 171.8210, 18.4230, 46.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

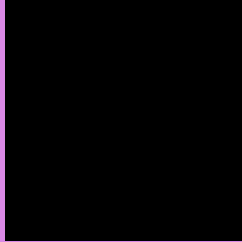
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.8210, 18.4230, 46.0950

Background



This preview shows how black text looks on a background with the YIQ color 171.8210, 18.4230, 46.0950.



This preview shows how white text looks on a background with the YIQ color 171.8210, 18.4230,

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

171.8210, 18.4230, 46.0950

Protanopia

165.9590, -44.3400, 21.6440

Deuteranopia

167.6540, -27.6040, 15.6920



Tritanopia

169.7100, 30.7160, 16.0280

Trichromacy



Original Color

171.8210, 18.4230, 46.0950



Protanomaly

167.8480, -21.7380, 30.5340



Deuteranomaly

169.1880, -11.1920, 26.6320



Tritanomaly

170.4080, 26.1750, 26.7430

Monochromacy



Original Color

171.8210, 18.4230, 46.0950



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.8460, 6.9660, 16.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8210, 18.4230, 46.0950 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(218, 137, 230)` looks like.

```
.text, #text, p{  
    color:rgb(218, 137, 230)  
}
```

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(218, 137, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 137, 230) }
```

Border

The CSS property to change the border of an element to YIQ 171.8210, 18.4230, 46.0950 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(218, 137, 230) }
```


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

```
.border{ border-color:rgb(218, 137, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 137, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 137, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 137, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 137,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8210, 18.4230, 46.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 137, 230) }
```

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

```
.background{ background-color: rgb(218,  
137, 230) }
```

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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