

Converting Colors

YIQ(182.8230, 14.9410, 32.1010)

Have a look what the booklet for
YIQ(182.8230, 14.9410, 32.1010)
contains.

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Color

**YIQ(182.8230, 14.9410,
32.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	D99EDD
RGB	217, 158, 221
RGB Percent	85%, 62%, 87%
CMY	0.1488, 0.3805, 0.1333
CMYK	0.02, 0.29, 0.00, 0.13
HSL	296°, 48%, 74%
HSV	296°, 29%, 87%
XYZ	53.9030, 44.4247, 74.1423
YIQ	182.8230, 14.9410, 32.1010

Conversions

Conversions Part 2

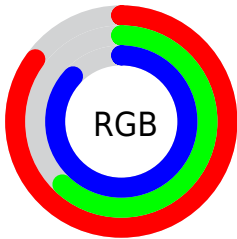
Format	Color
R_{YB}	217, 158, 221
Decimal	14261981
CIE Lab	72.51, 32.35, -23.35
CIE LCh	73, 39.898, 324.184
Yxy	44.4247, 0.3125, 0.2576
Android (android.graphics.Color)	4292452061 (0xFFD99EDD)
YUV	182.8230, 18.8213, 29.9732
Hunter-Lab	66.6518, 27.7169, -19.2969

Details

The YIQ color **182.8230, 14.9410, 32.1010** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.1770, -14.9410, -32.1010**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3460, 11.5500, 21.9660**, and **129.2850, 13.5200, 30.3200** is the 20% darker color. If you saturate the color by 10%, you get **169.6100, 20.3950, 43.3950**, and if you desaturate by 10%, it is **196.0360, 9.4870, 20.8070**.

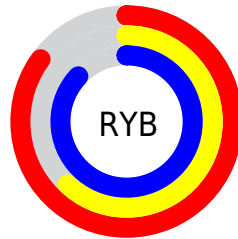
Distribution



Red (85%)

Green (62%)

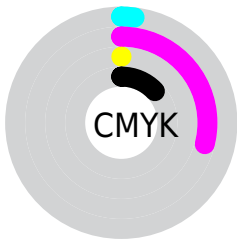
Blue (87%)



Red (85%)

Yellow (62%)

Blue (87%)

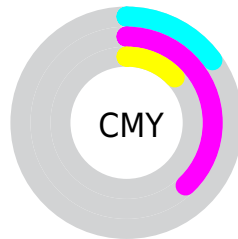


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8230, 14.9410, 32.1010 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 182.8230, 14.9410, 32.1010 by changing the saturation by 10% instead.

182.8230, 14.9410,
32.1010

182.8230, 14.9410,
32.1010

255.0000, -0.0000,
-0.0000

155.4100, 14.6660,
31.5780

230.3460, 11.5500,
21.9660

129.2850, 13.5200,
30.3200

247.3690, 3.5750,
6.7990

103.7580, 13.5660,
29.4860

78.7470, 12.0990,
28.5390

54.3340, 11.8240,
28.0160

29.7470, 12.0990,
28.5390

16.2640, 8.8450,

21.4290

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 182.8230, 14.9410,
32.1010

■ 182.8230, 14.9410,
32.1010

■ 169.6100, 20.3950,
43.3950

■ 196.0360, 9.4870,
20.8070

■ 156.0980, 25.2530,
54.4770

■ 209.5480, 4.6290,
9.7250

■ 142.8850, 30.7070,
65.7710

■ 222.7610, -0.8250,
-1.5690

■ 129.3730, 35.5650,
76.8530

■ 236.2730, -5.6830,
-12.6510

■ 115.5730, 41.2940,
88.6700

■ 241.8550, -7.5620,
-17.1460

■ 102.3600, 46.7480,
99.9640

■ 242.1540, -6.9660,
-16.9340

■ 88.8480, 51.6060,
111.0460

■ 242.7520, -5.7740,
-16.5100

■ 87.0870, 52.4310,
112.6150

■ 243.0510, -5.1780,
-16.2980

■ 243.6490, -3.9860,
-15.8740

Harmonies

Analogous

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



179.6210, -22.8370, 22.9150



182.8230, 14.9410, 32.1010



182.0250, 43.5510, 31.2230

Triad

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



182.8230, 14.9410, 32.1010



175.7130, 42.6880, -13.7280



141.8140, -114.9370, -37.0570

Complementary

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



182.8230, 14.9410, 32.1010



196.1770, -14.9410, -32.1010

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.



158.5260, -61.3400, -33.7240



182.8230, 14.9410, 32.1010



172.5630, 16.3270, -26.0810

Square

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



182.8230, 14.9410, 32.1010



178.4520, 57.2650, 2.9370



167.1380, -19.2050, -31.9170



151.8560, -105.5870, -19.2750

Rectangle

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



182.8230, 14.9410, 32.1010



180.9690, 55.1520, 24.7200



167.1380, -19.2050, -31.9170



149.1170, -93.8010, -34.6410

Sweetspot

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



182.8230, 14.9410, 32.1010



241.2000, 5.7290, 11.8170



167.5300, -21.3230, 17.5010



118.8960, 3.5290, 7.6330



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.



182.8230, 14.9410, 32.1010



202.4360, 20.9450, 44.4410



180.9410, 25.9920, 24.5520



103.2440, 2.4290, 5.5410



68.4590, 41.6150, 88.3590



18.1010, 10.8620, 23.4220

Inverse Universe

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



177.2930, 36.2640, 14.6000



194.6970, 49.9260, 20.3100



198.0590, -25.9920, -24.5520



102.2890, 6.5560, 2.3320



52.9810, 99.5770, 40.0970



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 182.8230, 14.9410, 32.1010 looks on a white background.

Color Contrast Check

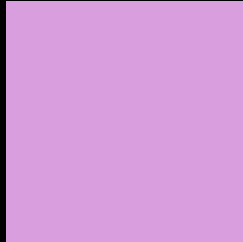
Large Text (above 18pt) WCAG AA × Fail

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 182.8230, 14.9410, 32.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

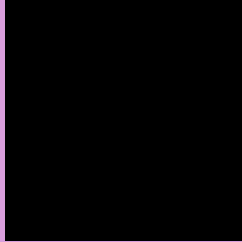
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.8230, 14.9410, 32.1010

Background



This preview shows how black text looks on a background with the YIQ color 182.8230, 14.9410, 32.1010.



This preview shows how white text looks on a background with the YIQ color 182.8230, 14.9410,

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

182.8230, 14.9410, 32.1010

Protanopia

178.4260, -26.9620, 15.0700

Deuteranopia

179.3150, -13.5280, 13.8960



Tritanopia

180.9370, 22.6470, 13.5830

Trichromacy



Original Color

182.8230, 14.9410, 32.1010



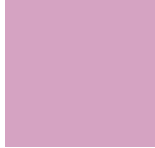
Protanomaly

179.7270, -11.5120, 21.4160



Deuteranomaly

180.3920, -3.2590, 20.5250



Tritanomaly

181.4840, 19.8490, 20.2410

Monochromacy



Original Color

182.8230, 14.9410, 32.1010



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.9010, 5.1330, 11.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8230, 14.9410, 32.1010 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(217, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 158, 221)  
}
```

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(217, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 158, 221) }
```

Border

The CSS property to change the border of an element to YIQ 182.8230, 14.9410, 32.1010 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(217, 158, 221) }
```


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

```
.border{ border-color:rgb(217, 158, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 158, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 158,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8230, 14.9410, 32.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 158, 221) }
```

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

```
.background{ background-color: rgb(217,  
158, 221) }
```

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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