

Converting Colors

YIQ(202.8260, 1.6910, 29.9390)

Have a look what the booklet for
YIQ(202.8260, 1.6910, 29.9390)
contains.

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Color

**YIQ(202.8260, 1.6910,
29.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB7FC
RGB	223, 183, 252
RGB Percent	87%, 72%, 99%
CMY	0.1253, 0.2824, 0.0118
CMYK	0.11, 0.27, 0.00, 0.01
HSL	275°, 92%, 85%
HSV	275°, 27%, 99%
XYZ	64.9411, 56.5812, 99.5841
YIQ	202.8260, 1.6910, 29.9390

Conversions

Conversions Part 2

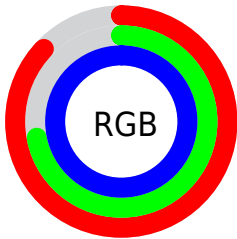
Format	Color
R _Y B	223, 183, 252
Decimal	14661628
CIE Lab	79.94, 26.83, -28.72
CIE LCh	80, 39.302, 313.059
Yxy	56.5812, 0.2937, 0.2559
Android (android.graphics.Color)	4292851708 (0xFFDFB7FC)
YUV	202.8260, 24.2428, 17.6926
Hunter-Lab	75.2205, 22.4710, -25.8394

Details

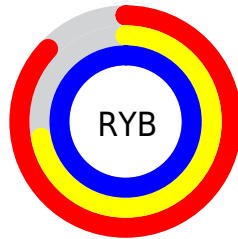
The YIQ color **202.8260, 1.6910, 29.9390** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **232.1740, -1.6910, -29.9390**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **245.6080, 4.4000, 8.3680**, and **148.4730, 1.1870, 28.0590** is the 20% darker color. If you saturate the color by 10%, you get **184.8620, 2.0100, 40.6820**, and if you desaturate by 10%, it is **220.7900, 1.3720, 19.1960**.

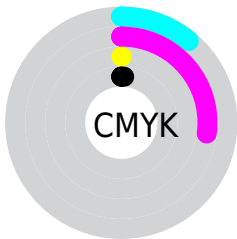
Distribution



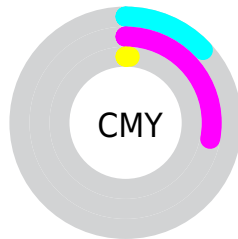
- Red (87%)
- Green (72%)
- Blue (99%)



- Red (87%)
- Yellow (72%)
- Blue (99%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.8260, 1.6910, 29.9390 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 202.8260, 1.6910, 29.9390 by changing the saturation by 10% instead.

■ 202.8260, 1.6910,
29.9390

■ 202.8260, 1.6910,
29.9390

255.0000, -0.0000,
-0.0000

■ 175.2990, 1.7370,
29.1050

■ 245.6080, 4.4000,
8.3680

■ 148.4730, 1.1870,
28.0590

■ 122.0600, 0.9120,
27.5360

■ 97.1200, 0.6830,
26.1790

■ 72.5930, 0.7290,
25.3450

■ 49.4680, -0.4170,
24.0870

■ 26.6420, -0.9670,

23.0410

■ 12.3060, -0.1410,
19.0830

■ 3.2090, -7.6580,
6.6300

■ 202.8260, 1.6910,
29.9390

■ 202.8260, 1.6910,
29.9390

■ 184.8620, 2.0100,
40.6820

■ 220.7900, 1.3720,
19.1960

■ 167.1970, 2.9250,
51.6370

■ 238.4550, 0.4570,
8.2410

■ 148.6460, 3.5190,
62.9030

■ 254.6580, 0.9630,
-0.9330

■ 130.9810, 4.4340,
73.8580

■ 113.0170, 4.7530,
84.6010

■ 95.3520, 5.6680,
95.5560

■ 77.3880, 5.9870,
106.2990

■ 72.3820, 6.1240,
109.3240

Harmonies

Analogous

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



195.5500, -33.2430, 13.2610



202.8260, 1.6910, 29.9390



202.9900, 33.4640, 32.3120

Triad

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



202.8260, 1.6910, 29.9390



197.5940, 50.5730, -7.9470



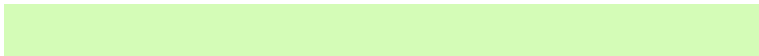
174.9720, -83.0270, -31.6590

Complementary

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



202.8260, 1.6910, 29.9390



232.1740, -1.6910, -29.9390

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.



183.6220, -44.0550, -33.1030



202.8260, 1.6910, 29.9390



194.2440, 27.6510, -22.0530

Square

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



202.8260, 1.6910, 29.9390



197.2440, 55.1550, 8.1390



189.7930, -4.9920, -30.6880



173.7980, -99.6720, -21.8480

Rectangle

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



202.8260, 1.6910, 29.9390



198.3790, 42.3140, 26.1060



189.7930, -4.9920, -30.6880



177.7900, -70.8310, -32.4230

Sweetspot

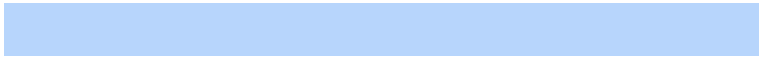
The Sweet Spot groups the original color and five complimentary colors.



202.8260, 1.6910, 29.9390



240.5690, 0.1360, 8.5520



208.4760, -30.3990, 5.7690



118.5750, -0.0010, 5.5270



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.



202.8260, 1.6910, 29.9390



195.2270, 2.2400, 36.5120



210.9270, 20.5800, 34.5320



115.8740, 0.5950, 5.7390



54.4360, 4.8910, 82.0990



17.7180, 1.8750, 26.6030

Inverse Universe

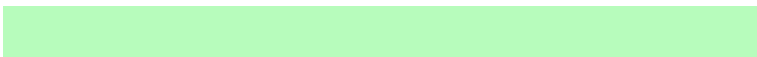
The Inverse Universe completely reimagines the original color for something new.



206.9370, 31.8150, 23.6470



200.1060, 38.8290, 28.6930



224.0730, -20.5800, -34.5320



116.5710, 5.8220, 4.6220



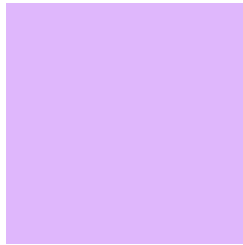
65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 202.8260, 1.6910, 29.9390 looks on a white background.

Color Contrast Check

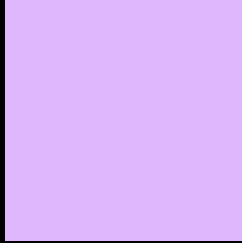
Large Text (above 18pt) WCAG AA × Fail

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 202.8260, 1.6910, 29.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

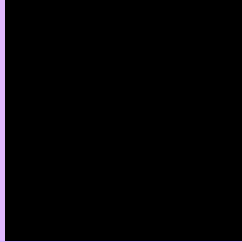
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.8260, 1.6910, 29.9390

Background



This preview shows how black text looks on a background with the YIQ color 202.8260, 1.6910, 29.9390.



This preview shows how white text looks on a background with the YIQ color 202.8260, 1.6910,

29.9390.

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

202.8260, 1.6910, 29.9390

Protanopia

198.8390, -26.6870, 15.5930

Deuteranopia

200.0740, -20.0390, 16.2570



Tritanopia

200.8860, 9.4890, 9.7530

Trichromacy



Original Color

202.8260, 1.6910, 29.9390



Protanomaly

200.2750, -16.0510, 21.0770



Deuteranomaly

201.4280, -12.1080, 21.2040



Tritanomaly

201.8460, 6.9660, 16.9340

Monochromacy



Original Color

202.8260, 1.6910, 29.9390



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.0360, 0.3190, 10.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.8260, 1.6910, 29.9390 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(223, 183, 252)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 252)  
}
```

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(223, 183, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 252) }
```

Border

The CSS property to change the border of an element to YIQ 202.8260, 1.6910, 29.9390 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(223, 183, 252) }
```


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

```
.border{ border-color:rgb(223, 183, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 252);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 202.8260, 1.6910, 29.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 252) }
```

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

```
.background{ background-color: rgb(223,  
183, 252) }
```

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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