

Converting Colors

YIQ(202.7330, -2.4810, 28.4550)

Have a look what the booklet for
YIQ(202.7330, -2.4810, 28.4550)
contains.

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Color

**YIQ(202.7330, -2.4810,
28.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB9FE
RGB	218, 185, 254
RGB Percent	85%, 73%, 100%
CMY	0.1450, 0.2745, 0.0040
CMYK	0.14, 0.27, 0.00, 0.00
HSL	269°, 97%, 86%
HSV	269°, 27%, 100%
XYZ	64.1556, 56.7571, 101.3262
YIQ	202.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

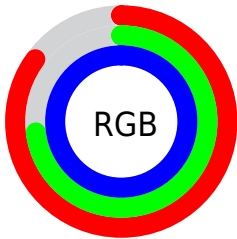
Format	Color
R _{YB}	218, 185, 254
Decimal	14334462
CIE Lab	80.04, 24.62, -29.67
CIE LCh	80, 38.557, 309.688
Yxy	56.7571, 0.2887, 0.2554
Android (android.graphics.Color)	4292524542 (0xFFDAB9FE)
YUV	202.7330, 25.2746, 13.3892
Hunter-Lab	75.3373, 20.1664, -27.0070

Details

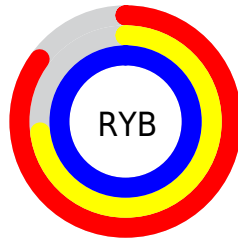
The YIQ color $202.7330, -2.4810, 28.4550$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $236.2670, 2.4810, -28.4550$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 3.8500, 7.3220$, and $148.3800, -2.9850, 26.5750$ is the 20% darker color. If you saturate the color by 10%, you get $184.1710, -3.3540, 38.7740$, and if you desaturate by 10%, it is $221.2950, -1.6080, 18.1360$.

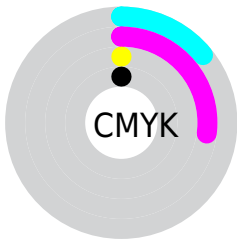
Distribution



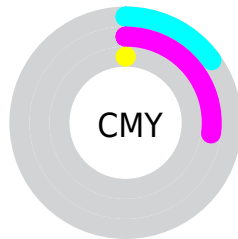
- Red (85%)
- Green (73%)
- Blue (100%)



- Red (85%)
- Yellow (73%)
- Blue (100%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7330, -2.4810, 28.4550 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 202.7330, -2.4810, 28.4550 by changing the saturation by 10% instead.

202.7330, -2.4810,
28.4550

202.7330, -2.4810,
28.4550

255.0000, -0.0000,
-0.0000

175.2060, -2.4350,
27.6210

246.7820, 3.8500,
7.3220

148.3800, -2.9850,
26.5750

122.2660, -2.6640,
26.2640

97.3260, -2.8930,
24.9070

72.5000, -3.4430,
23.8610

49.5600, -3.6720,
22.5040

27.3210, -4.4970,

20.9350

■ 11.2240, -2.8460,
18.5460

■ 3.3230, -7.9790,
6.9410

■ 202.7330, -2.4810,
28.4550

■ 202.7330, -2.4810,
28.4550

■ 184.1710, -3.3540,
38.7740

■ 221.2950, -1.6080,
18.1360

■ 165.0220, -3.9520,
49.6160

■ 240.7430, -0.4140,
7.5060

■ 146.1610, -5.4210,
59.7230

254.8860, 0.3210,
-0.3110

■ 127.0120, -6.0190,
70.5650

■ 108.4500, -6.8920,
80.8840

■ 89.8880, -7.7650,
91.2030

■ 70.4400, -8.9590,
101.8330

■ 65.4340, -8.8220,
104.8580

Harmonies

Analogous

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



195.2290, -36.7730, 11.1550



202.7330, -2.4810, 28.4550



203.3210, 31.0340, 32.2980

Triad

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



202.7330, -2.4810, 28.4550



198.3600, 51.3520, -5.5440



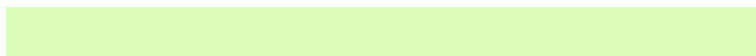
177.2070, -76.3790, -30.9950

Complementary

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



202.7330, -2.4810, 28.4550



236.2670, 2.4810, -28.4550

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.



184.6720, -38.3240, -32.3400



202.7330, -2.4810, 28.4550



194.9670, 29.9890, -20.3710

Square

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



202.7330, -2.4810, 28.4550



197.7000, 53.8710, 9.3830



190.8860, -0.8200, -29.2040



175.1250, -96.2790, -22.7670

Rectangle

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



202.7330, -2.4810, 28.4550



199.4220, 40.7550, 26.8270



190.8860, -0.8200, -29.2040



180.0250, -64.1830, -31.7590

Sweetspot

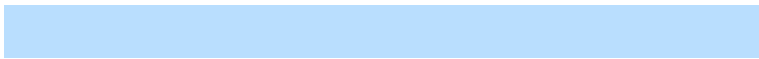
The Sweet Spot groups the original color and five complimentary colors.



202.7330, -2.4810, 28.4550



239.9710, -1.0560, 8.1280



214.5850, -32.3240, 2.1080



118.2760, -0.5970, 5.3150



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.



202.7330, -2.4810, 28.4550



192.5360, -3.1240, 34.6040



212.8990, 17.7830, 35.6630



118.2760, -0.5970, 5.3150



49.2820, -6.4790, 78.9050



16.5650, -2.0680, 26.4760

Inverse Universe

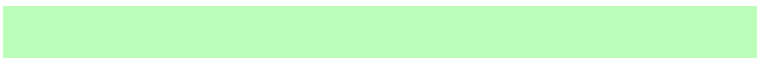
The Inverse Universe completely reimagines the original color for something new.



209.7350, 29.5680, 25.8240



201.1320, 35.9400, 31.4920



226.1010, -17.7830, -35.6630



119.5710, 5.8220, 4.6220



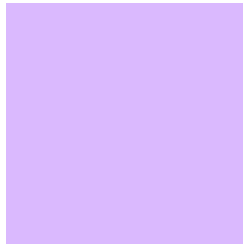
68.5090, 81.7360, 71.5920



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 202.7330, -2.4810, 28.4550 looks on a white background.

Color Contrast Check

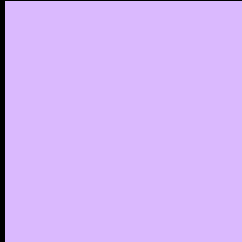
Large Text (above 18pt) WCAG AA × Fail

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 202.7330, -2.4810, 28.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

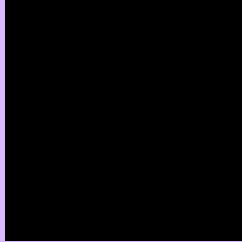
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7330, -2.4810, 28.4550

Background



This preview shows how black text looks on a background with the YIQ color 202.7330, -2.4810, 28.4550.



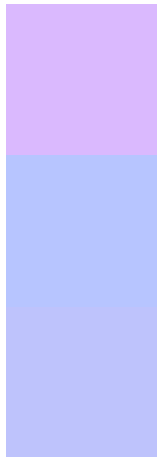
This preview shows how white text looks on a background with the YIQ color 202.7330, -2.4810,

28.4550.

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

202.7330, -2.4810, 28.4550

Protanopia

199.4260, -26.9620, 15.0700

Deuteranopia

200.0030, -21.2770, 16.6670



Tritanopia

200.7930, 5.3170, 8.2690

Trichromacy



Original Color

202.7330, -2.4810, 28.4550

Protanomaly

200.9650, -18.1140, 19.9180

Deuteranomaly

200.7590, -14.5380, 21.1900

Tritanomaly

201.7530, 2.7940, 15.4500

Monochromacy



Original Color

202.7330, -2.4810, 28.4550

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.5520, -1.1940, 10.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7330, -2.4810, 28.4550 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, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 254)  
}
```

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, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 254) }
```

Border

The CSS property to change the border of an element to YIQ 202.7330, -2.4810, 28.4550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

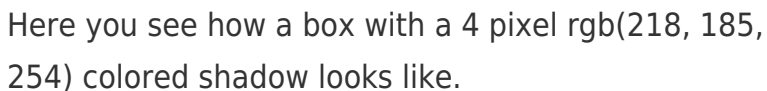
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 185, 254) }
```


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

```
.border{ border-color:rgb(218, 185, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(218, 185,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7330, -2.4810, 28.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 254) }
```

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

```
.background{ background-color: rgb(218,  
185, 254) }
```

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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