

Converting Colors

YIQ(201.4530, 22.2750, 42.3630)

Have a look what the booklet for
YIQ(201.4530, 22.2750, 42.3630)
contains.

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Color

**YIQ(201.4530, 22.2750,
42.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A8F9
RGB	249, 168, 249
RGB Percent	98%, 66%, 98%
CMY	0.0233, 0.3413, 0.0235
CMYK	0.00, 0.33, 0.00, 0.02
HSL	300°, 87%, 82%
HSV	300°, 33%, 98%
XYZ	70.1853, 54.9839, 96.5417
YIQ	201.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

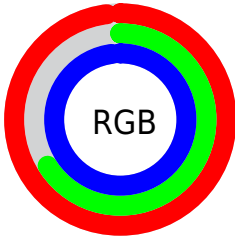
Format	Color
R _Y B	249, 168, 249
Decimal	16361721
CIE Lab	79.03, 42.31, -28.29
CIE LCh	79, 50.898, 326.232
Yxy	54.9839, 0.3166, 0.2480
Android (android.graphics.Color)	4294551801 (0xFFFF9A8F9)
YUV	201.4530, 23.4407, 41.6987
Hunter-Lab	74.1511, 39.1889, -25.2873

Details

The YIQ color $201.4530, 22.2750, 42.3630$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $215.5470, -22.2750, -42.3630$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8030, 8.5250, 16.2130$, and $145.9150, 20.8540, 40.5820$ is the 20% darker color. If you saturate the color by 10%, you get $186.7780, 29.1500, 55.4380$, and if you desaturate by 10%, it is $216.1280, 15.4000, 29.2880$.

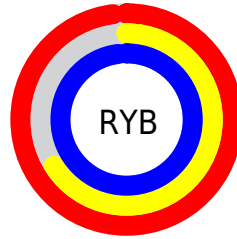
Distribution



Red (98%)

Green (66%)

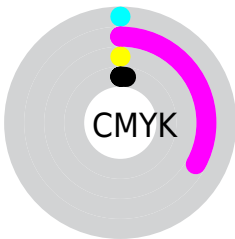
Blue (98%)



Red (98%)

Yellow (66%)

Blue (98%)

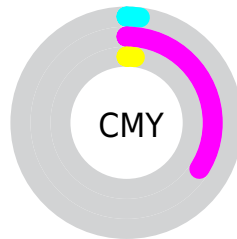


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4530, 22.2750, 42.3630 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 201.4530, 22.2750, 42.3630 by changing the saturation by 10% instead.

201.4530, 22.2750,
42.3630

201.4530, 22.2750,
42.3630

255.0000, -0.0000,
-0.0000

173.6270, 21.7250,
41.3170

236.8030, 8.5250,
16.2130

145.9150, 20.8540,
40.5820

253.8260, 0.5500,
1.0460

119.7900, 19.7080,
39.3240

93.4910, 19.1120,
39.1120

68.0780, 18.8370,
38.5890

39.8440, 19.6160,
40.9920

24.9370, 14.6200,

32.4120

■ 16.1500, 9.1660,
21.1180

■ 2.8670, -6.6950,
5.6970

■ 201.4530, 22.2750,
42.3630

■ 201.4530, 22.2750,
42.3630

■ 186.7780, 29.1500,
55.4380

■ 216.1280, 15.4000,
29.2880

■ 172.1030, 36.0250,
68.5130

■ 230.8030, 8.5250,
16.2130

■ 157.4280, 42.9000,
81.5880

■ 245.4780, 1.6500,
3.1380

■ 142.7530, 49.7750,
94.6630

■ 252.5220, -1.6500,
-3.1380

■ 128.0780, 56.6500,
107.7380

■ 113.9900, 63.2500,
120.2900

■ 102.8370, 68.4750,
130.2270

Harmonies

Analogous

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



195.3610, -19.1690, 22.5190



201.4530, 22.2750, 42.3630



191.6600, 43.3210, 35.3930

Triad

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



201.4530, 22.2750, 42.3630



192.1730, 52.7760, -20.3440



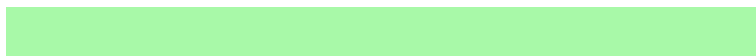
156.0440, -136.2560, -41.6640

Complementary

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



201.4530, 22.2750, 42.3630



215.5470, -22.2750, -42.3630

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.



159.5420, -102.9680, -50.2320



201.4530, 22.2750, 42.3630



187.3640, 18.0250, -34.8310

Square

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



201.4530, 22.2750, 42.3630



191.8350, 66.2520, -0.2440



179.6540, -29.8860, -42.0940



154.6880, -140.7050, -32.6170

Rectangle

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



201.4530, 22.2750, 42.3630



188.5990, 53.3180, 24.9180



179.6540, -29.8860, -42.0940



154.3340, -131.4410, -46.3290

Sweetspot

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



201.4530, 22.2750, 42.3630



240.3250, 6.8750, 13.0750



177.2340, -26.0010, 25.1910



118.4940, 4.7210, 8.0570



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.



201.4530, 22.2750, 42.3630



196.8870, 27.2250, 51.7770



196.8930, 35.1150, 29.9230



117.3690, 3.5750, 6.7990



78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Inverse Universe

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



201.4530, 22.2750, 42.3630



196.8870, 27.2250, 51.7770



220.2210, -35.4360, -29.6120



117.3690, 3.5750, 6.7990



78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 201.4530, 22.2750, 42.3630 looks on a white background.

Color Contrast Check

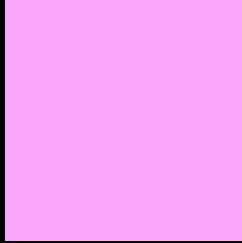
Large Text (above 18pt) WCAG AA × Fail

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 201.4530, 22.2750, 42.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

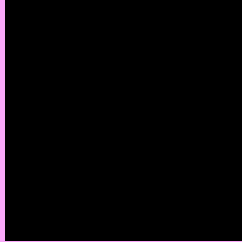
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.4530, 22.2750, 42.3630

Background



This preview shows how black text looks on a background with the YIQ color 201.4530, 22.2750, 42.3630.



This preview shows how white text looks on a background with the YIQ color 201.4530, 22.2750,

42.3630.

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

201.4530, 22.2750, 42.3630

Protanopia

196.4690, -28.5210, 15.7910

Deuteranopia

197.3300, -17.8840, 15.7480



Tritanopia

199.4330, 33.0540, 17.7100

Trichromacy



Original Color

201.4530, 22.2750, 42.3630



Protanomaly

198.4330, -10.5040, 25.1760



Deuteranomaly

198.5540, -3.5350, 25.5290



Tritanomaly

200.2620, 29.5220, 26.6580

Monochromacy



Original Color

201.4530, 22.2750, 42.3630



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

200.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4530, 22.2750, 42.3630 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(249, 168, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 168, 249)  
}
```

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(249, 168, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 168, 249) }
```

Border

The CSS property to change the border of an element to YIQ 201.4530, 22.2750, 42.3630 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(249, 168, 249) }
```


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

```
.border{ border-color:rgb(249, 168, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 168, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 168, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 168, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 168,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4530, 22.2750, 42.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 168, 249) }
```

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

```
.background{ background-color: rgb(249,  
168, 249) }
```

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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