

Converting Colors

YIQ(214.1100, 6.6430, 28.2990)

Have a look what the booklet for
YIQ(214.1100, 6.6430, 28.2990)
contains.

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Color

**YIQ(214.1100, 6.6430,
28.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC2FF
RGB	238, 194, 255
RGB Percent	93%, 76%, 100%
CMY	0.0665, 0.2393, 0.0000
CMYK	0.07, 0.24, 0.00, 0.00
HSL	283°, 100%, 88%
HSV	283°, 24%, 100%
XYZ	72.6090, 63.9785, 103.1254
YIQ	214.1100, 6.6430, 28.2990

Conversions

Conversions Part 2

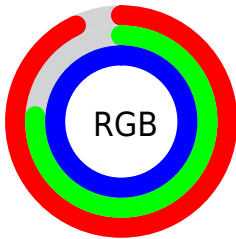
Format	Color
R_{YB}	238, 194, 255
Decimal	15647487
CIE _{Lab}	83.95, 26.24, -24.08
CIE _{LCh}	84, 35.608, 317.459
Yxy	63.9785, 0.3029, 0.2669
Android (android.graphics.Color)	4293837567 (0xFFEEC2FF)
YUV	214.1100, 20.1588, 20.9515
Hunter-Lab	79.9866, 22.0595, -20.4511

Details

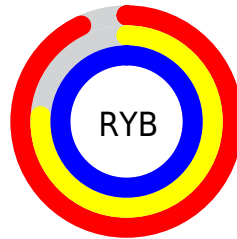
The YIQ color $214.1100, 6.6430, 28.2990$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $234.8900, -6.6430, -28.2990$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $159.1700, 6.4140, 26.9420$ is the 20% darker color. If you saturate the color by 10%, you get $196.7550, 9.6210, 40.4130$, and if you desaturate by 10%, it is $230.8780, 3.9400, 16.7080$.

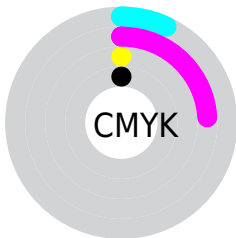
Distribution



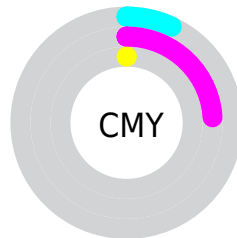
- Red (93%)
- Green (76%)
- Blue (100%)



- Red (93%)
- Yellow (76%)
- Blue (100%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1100, 6.6430, 28.2990 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 214.1100, 6.6430, 28.2990 by changing the saturation by 10% instead.


 214.1100, 6.6430,
28.2990

 214.1100, 6.6430,
28.2990


255.0000, -0.0000,
-0.0000


 186.2840, 6.0930,
27.2530

 252.6520, 1.1000,
2.0920

 159.1700, 6.4140,
26.9420

 132.4580, 5.5430,
26.2070

 106.9310, 5.5890,
25.3730

 82.1050, 5.0390,
24.3270

 58.5780, 5.0850,
23.4930

 35.8660, 4.2140,

22.7580

■ 14.9260, 3.9850,
21.4010

■ 3.5510, -8.6210,
7.5630

■ 214.1100, 6.6430,
28.2990

■ 214.1100, 6.6430,
28.2990

■ 196.7550, 9.6210,
40.4130

■ 230.8780, 3.9400,
16.7080

■ 179.9870, 12.3240,
52.0040

■ 248.2330, 0.9620,
4.5940

■ 162.6320, 15.3020,
64.1180

■ 255.0000, -0.0000,
-0.0000

■ 145.8640, 18.0050,
75.7090

■ 128.5090, 20.9830,
87.8230

■ 111.7410, 23.6860,
99.4140

■ 94.0870, 26.0680,
111.3160

■ 84.0860, 27.8090,
118.3130

Harmonies

Analogous

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



207.9980, -22.8810, 12.6950



214.1100, 6.6430, 28.2990



211.0770, 28.6050, 26.7570

Triad

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



214.1100, 6.6430, 28.2990



208.5440, 44.8420, -8.7100



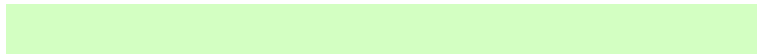
191.2230, -73.3080, -26.0760

Complementary

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



214.1100, 6.6430, 28.2990



234.8900, -6.6430, -28.2990

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.



196.0290, -43.6430, -29.5550



214.1100, 6.6430, 28.2990



205.2480, 21.8280, -21.1480

Square

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



214.1100, 6.6430, 28.2990



207.3030, 47.4990, 3.7150



201.2210, -9.0730, -28.3130



192.2520, -80.2790, -15.3750

Rectangle

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



214.1100, 6.6430, 28.2990



207.2810, 36.5380, 20.6500



201.2210, -9.0730, -28.3130



192.3610, -65.0090, -27.8010

Sweetspot

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



214.1100, 6.6430, 28.2990



242.9390, 1.9700, 8.3540



210.9330, -24.2560, 10.0800



120.6460, 1.2370, 5.1170



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.



214.1100, 6.6430, 28.2990



205.2830, 7.8340, 34.2500



217.7110, 20.9480, 27.8600



119.1730, 1.1910, 5.9510



63.0360, 20.9370, 88.6570



21.0500, 6.8720, 29.6560

Inverse Universe

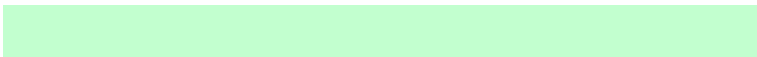
The Inverse Universe completely reimagines the original color for something new.



214.1770, 30.8990, 18.2190



205.5200, 37.3630, 22.2190



231.2890, -20.9480, -27.8600



119.2290, 6.7850, 3.6890



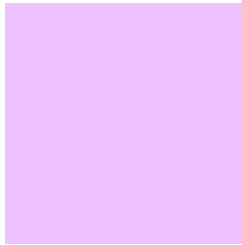
63.1510, 96.8230, 56.9750



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 214.1100, 6.6430, 28.2990 looks on a white background.

Color Contrast Check

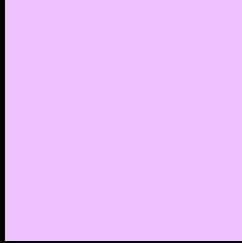
Large Text (above 18pt) WCAG AA × Fail

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 214.1100, 6.6430, 28.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

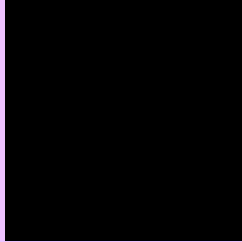
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.1100, 6.6430, 28.2990

Background



This preview shows how black text looks on a background with the YIQ color 214.1100, 6.6430, 28.2990.

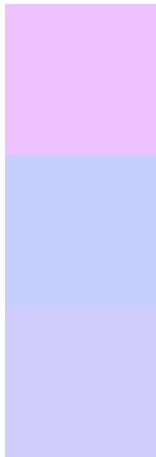


This preview shows how white text looks on a background with the YIQ color 214.1100, 6.6430,

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

214.1100, 6.6430, 28.2990

Protanopia

210.3680, -21.0470, 12.4970

Deuteranopia

211.3690, -13.6200, 15.5640



Tritanopia

212.0930, 13.3400, 11.5480

Trichromacy



Original Color

214.1100, 6.6430, 28.2990

Protanomaly

211.9180, -10.7320, 18.2920

Deuteranomaly

212.4240, -6.2850, 20.2990

Tritanomaly

212.5260, 10.8630, 17.8950

Monochromacy



Original Color

214.1100, 6.6430, 28.2990

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.2920, 2.4740, 10.2340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1100, 6.6430, 28.2990 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(238, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 255)  
}
```

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(238, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 255) }
```

Border

The CSS property to change the border of an element to YIQ 214.1100, 6.6430, 28.2990 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(238, 194, 255) }
```


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

```
.border{ border-color:rgb(238, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1100, 6.6430, 28.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 255) }
```

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

```
.background{ background-color: rgb(238,  
194, 255) }
```

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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