

Converting Colors

Yxy(42.9858, 0.3106, 0.2119)

Have a look what the booklet for
Yxy(42.9858, 0.3106, 0.2119)
contains.

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Color

Yxy(42.8580, 0.3102, 0.2113)

Conversions

Conversions Part 1

Format	Color
Hex	F385FC
RGB	243, 133, 252
RGB Percent	95%, 52%, 99%
CMY	0.0471, 0.4784, 0.0118
CMYK	0.04, 0.47, 0.00, 0.01
HSL	295°, 95%, 75%
HSV	295°, 47%, 99%
XYZ	62.9179, 42.8580, 97.0542
YIQ	179.4560, 27.3610, 60.3290

Conversions

Conversions Part 2

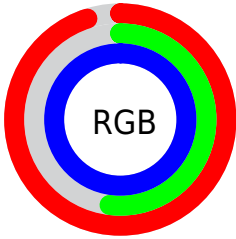
Format	Color
R_{YB}	243, 133, 252
Decimal	15959548
CIE _{Lab}	71.46, 58.79, -41.69
CIE _{LCh}	71, 72.066, 324.657
Yxy	42.8580, 0.3102, 0.2113
Android (android.graphics.Color)	4294149628 (0xFFFF385FC)
YUV	179.4560, 35.7642, 55.7281
Hunter-Lab	65.4660, 56.9867, -42.0720

Details

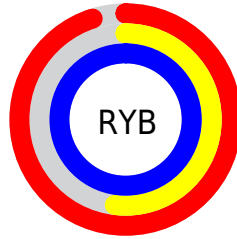
The Yxy color **42.8580, 0.3102, 0.2113** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.0699, 0.3105, 0.4766**, and the grayscale version is **45.1317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **19.7032, 0.3074, 0.1859** is the 20% darker color. If you saturate the color by 10%, you get **36.4291, 0.3090, 0.1901**, and if you desaturate by 10%, it is **50.9491, 0.3112, 0.2350**.

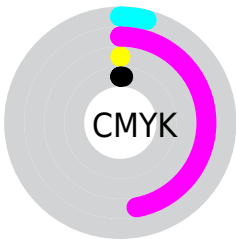
Distribution



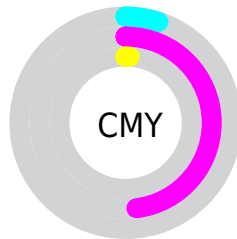
- Red (95%)
- Green (52%)
- Blue (99%)



- Red (95%)
- Yellow (52%)
- Blue (99%)



- Cyan (4%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)




- Cyan (5%)
- Magenta (48%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8580, 0.3102, 0.2113 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 Yxy color 42.8580, 0.3102, 0.2113 by changing the saturation by 10% instead.

 42.8580, 0.3102,
0.2113


 42.8580, 0.3102,
0.2113


358.0275, 0.3136,
0.2643

 29.7737, 0.3089,
0.1998


 79.4965, 0.3118,
0.2293

 19.6669, 0.3069,
0.1858


 103.8196, 0.3124,
0.2364

 12.1531, 0.3040,
0.1688


 132.6577, 0.3127,
0.2426

 6.8481, 0.2994,
0.1476


166.3952, 0.3130,
0.2480

 3.3673, 0.2919,
0.1210

205.4165, 0.3132,
0.2528

 1.3263, 0.2788,
0.0875

250.1061, 0.3134,

 0.1615, 0.2605,

0.2570

0.0230

300.8483, 0.3135,
0.2608

0.0000, 0.1953,
0.0000

0.0000, 0.0000,
0.0000

42.8580, 0.3102,
0.2113

42.8580, 0.3102,
0.2113

36.4291, 0.3090,
0.1901

50.9491, 0.3112,
0.2350

31.5366, 0.3075,
0.1723

60.8053, 0.3119,
0.2602

28.0456, 0.3059,
0.1587

72.5276, 0.3124,
0.2859

25.7957, 0.3040,
0.1495

86.2078, 0.3126,
0.3113

■ 24.5796, 0.3021,
0.1445

■ 99.3439, 0.3129,
0.3319

■ 24.3380, 0.3016,
0.1435

■ 99.7031, 0.3141,
0.3319

■ 99.8085, 0.3144,
0.3319

Harmonies

Analogous

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



42.8580, 0.2212, 0.1849



42.8580, 0.3102, 0.2113



42.8580, 0.4170, 0.2602

Triad

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



42.8580, 0.3102, 0.2113



42.8580, 0.4642, 0.4632



42.8580, 0.1570, 0.2928

Complementary

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



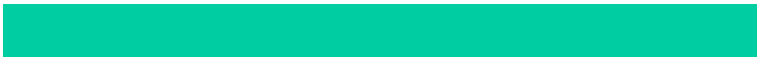
42.8580, 0.3102, 0.2113



77.0699, 0.3105, 0.4766

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.



42.8580, 0.2055, 0.4074



42.8580, 0.3102, 0.2113



42.8580, 0.3822, 0.5161

Square

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



42.8580, 0.3102, 0.2113



42.8580, 0.5107, 0.3923



42.8580, 0.2881, 0.5040



42.8580, 0.1456, 0.2178

Rectangle

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



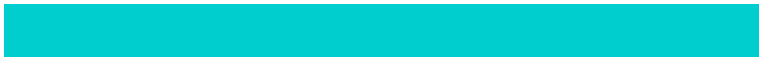
42.8580, 0.3102, 0.2113



42.8580, 0.4762, 0.3011



42.8580, 0.2881, 0.5040



42.8580, 0.1688, 0.3281

Sweetspot

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



42.8599, 0.3102, 0.2113



78.7905, 0.3125, 0.2941



31.6393, 0.2247, 0.1918



16.2423, 0.3124, 0.2886



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8599, 0.3102, 0.2113



37.5279, 0.3090, 0.1904



41.7588, 0.3655, 0.2576



17.4538, 0.3126, 0.3055



12.7066, 0.3019, 0.1437



1.1962, 0.3043, 0.1450

Inverse Universe

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



39.4282, 0.4334, 0.3199



33.7086, 0.4748, 0.3187



78.0126, 0.2821, 0.4153



17.2465, 0.3282, 0.3272



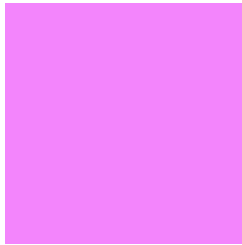
10.8130, 0.6321, 0.3256



1.0086, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 42.8580, 0.3102, 0.2113 looks on a white background.

Color Contrast Check

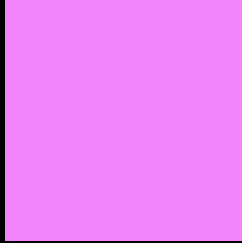
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.8580, 0.3102, 0.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

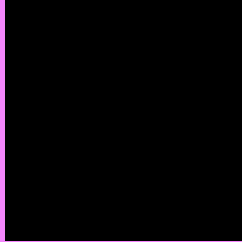
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8580, 0.3102, 0.2113

Background



This preview shows how black text looks on a background with the Yxy color 42.8580, 0.3102, 0.2113.



This preview shows how white text looks on a background with the Yxy color 42.8580, 0.3102, 0.2113.

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

42.8580, 0.3102, 0.2113

Protanopia

43.3102, 0.2383, 0.2292

Deuteranopia

43.1551, 0.2467, 0.2399



Tritanopia

42.6549, 0.3805, 0.3154

Trichromacy



Original Color

42.8580, 0.3102, 0.2113



Protanomaly

41.5546, 0.2598, 0.2185



Deuteranomaly

41.5453, 0.2659, 0.2246

Tritanomaly

42.4219, 0.3534, 0.2728

Monochromacy



Original Color

42.8580, 0.3102, 0.2113



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

42.8534, 0.3116, 0.2758

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8580, 0.3102, 0.2113 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(243, 133, 252)` looks like.

```
.text, #text, p{  
    color:rgb(243, 133, 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(243, 133, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 133, 252) }
```

Border

The CSS property to change the border of an element to Yxy 42.8580, 0.3102, 0.2113 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(243, 133, 252) }
```

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

```
.border{ border-color:rgb(243, 133, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 133, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 133, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 133, 252);  
box-shadow:4px 4px 4px 4px rgb(243, 133,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8580, 0.3102, 0.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 133, 252) }
```

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

```
.background{ background-color: rgb(243,  
133, 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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