

Converting Colors

Yxy(50.9423, 0.3111, 0.2433)

Have a look what the booklet for
Yxy(50.9423, 0.3111, 0.2433)
contains.

Yxy(50.8452, 0.3109, 0.2426)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8452, 0.3109, 0.2426)

Conversions

Conversions Part 1

Format	Color
Hex	EFA2F6
RGB	239, 162, 246
RGB Percent	94%, 64%, 96%
CMY	0.0626, 0.3647, 0.0352
CMYK	0.03, 0.34, 0.00, 0.04
HSL	295°, 82%, 80%
HSV	295°, 34%, 96%
XYZ	65.1598, 50.8452, 93.5795
YIQ	194.5990, 18.9280, 42.4480

Conversions

Conversions Part 2

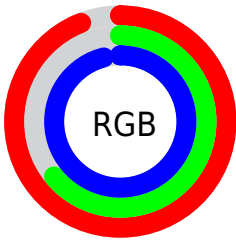
Format	Color
R _Y B	239, 162, 246
Decimal	15704822
CIE Lab	76.59, 41.80, -30.52
CIE LCh	77, 51.761, 323.864
Yxy	50.8452, 0.3109, 0.2426
Android (android.graphics.Color)	4293894902 (0xFFEFA2F6)
YUV	194.5990, 25.3407, 38.9397
Hunter-Lab	71.3058, 38.3295, -27.8962

Details

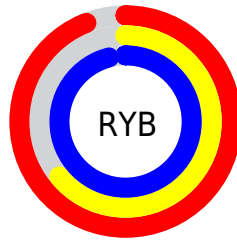
The Yxy color $50.8452, 0.3109, 0.2426$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $76.9609, 0.3121, 0.4302$, and the grayscale version is $54.1623, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $24.5565, 0.3097, 0.2241$ is the 20% darker color. If you saturate the color by 10%, you get $42.6582, 0.3098, 0.2182$, and if you desaturate by 10%, it is $60.7359, 0.3117, 0.2681$.

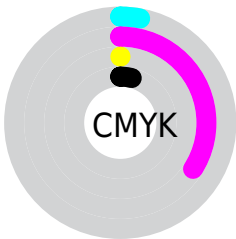
Distribution



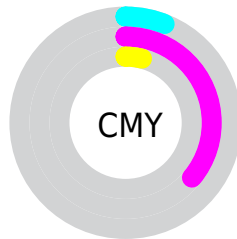
- Red (94%)
- Green (64%)
- Blue (96%)



- Red (94%)
- Yellow (64%)
- Blue (96%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)





- Cyan (6%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8452, 0.3109, 0.2426 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 50.8452, 0.3109, 0.2426 by changing the saturation by 10% instead.


 50.8452, 0.3109,
0.2426


 50.8452, 0.3109,
0.2426


389.9621, 0.3129,
0.2819

 36.0854, 0.3101,
0.2339


 91.4259, 0.3118,
0.2561

 24.5002, 0.3090,
0.2232


 118.0156, 0.3121,
0.2613

 15.7051, 0.3074,
0.2099


149.3175, 0.3124,
0.2659

 9.3157, 0.3049,
0.1931

185.7158, 0.3125,
0.2699

 4.9477, 0.3008,
0.1710

227.5950, 0.3127,
0.2735

 2.2166, 0.2934,
0.1413

275.3396, 0.3128,

 0.7290, 0.2791,

0.2766

0.0993

329.3338, 0.3129,
0.2794

0.0000, 0.2543,
0.0000

0.0000, 0.0000,
0.0000

50.8452, 0.3109,
0.2426

50.8452, 0.3109,
0.2426

42.6582, 0.3098,
0.2182

60.7359, 0.3117,
0.2681

36.0690, 0.3085,
0.1960

72.4149, 0.3123,
0.2938

30.9701, 0.3069,
0.1769

85.9692, 0.3126,
0.3189

27.2382, 0.3050,
0.1618

97.9871, 0.3130,
0.3377

■ 24.7299, 0.3031,
0.1511

■ 98.3615, 0.3143,
0.3377

■ 23.2703, 0.3010,
0.1447

■ 98.7399, 0.3156,
0.3377

■ 22.7524, 0.2997,
0.1425

■ 99.1225, 0.3169,
0.3376

■ 99.4347, 0.3179,
0.3376

Harmonies

Analogous

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



50.8452, 0.2473, 0.2232



50.8452, 0.3109, 0.2426



50.8452, 0.3827, 0.2798

Triad

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



50.8452, 0.3109, 0.2426



50.8452, 0.4253, 0.4293



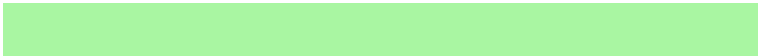
50.8452, 0.2017, 0.3099

Complementary

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



50.8452, 0.3109, 0.2426



76.9609, 0.3121, 0.4302

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.



50.8452, 0.2409, 0.3835



50.8452, 0.3109, 0.2426



50.8452, 0.3696, 0.4571

Square

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



50.8452, 0.3109, 0.2426



50.8452, 0.4519, 0.3812



50.8452, 0.3020, 0.4429



50.8452, 0.1902, 0.2540

Rectangle

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



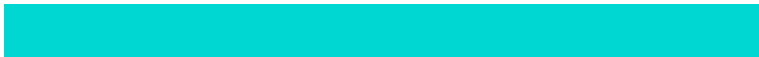
50.8452, 0.3109, 0.2426



50.8452, 0.4225, 0.3114



50.8452, 0.3020, 0.4429



50.8452, 0.2117, 0.3336

Sweetspot

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



50.8474, 0.3109, 0.2426



84.3958, 0.3124, 0.3042



42.7079, 0.2520, 0.2354



17.6309, 0.3124, 0.3007



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.



50.8474, 0.3109, 0.2426



48.8251, 0.3102, 0.2256



50.1359, 0.3467, 0.2773



16.6941, 0.3125, 0.3056



12.1728, 0.3001, 0.1427



1.0902, 0.3029, 0.1442

Inverse Universe

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



48.2962, 0.3868, 0.3216



45.7248, 0.4095, 0.3202



77.6319, 0.2892, 0.3875



16.5049, 0.3281, 0.3271



10.4938, 0.6310, 0.3250



0.9298, 0.6106, 0.3137

Previews

White Background



This preview shows how the Yxy color 50.8452, 0.3109, 0.2426 looks on a white background.

Color Contrast Check

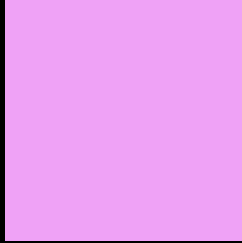
Large Text (above 18pt) WCAG AA × Fail

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 50.8452, 0.3109, 0.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

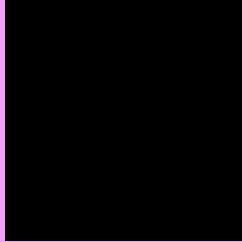
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8452, 0.3109, 0.2426

Background



This preview shows how black text looks on a background with the Yxy color 50.8452, 0.3109, 0.2426.

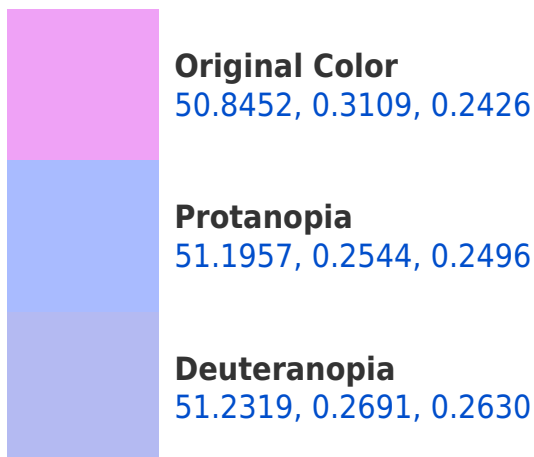


This preview shows how white text looks on a background with the Yxy color 50.8452, 0.3109, 0.2426.

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





Tritanopia

50.8489, 0.3528, 0.3144

Trichromacy



Original Color

50.8452, 0.3109, 0.2426



Protanomaly

50.3384, 0.2720, 0.2456



Deuteranomaly

50.3329, 0.2829, 0.2544



Tritanomaly

50.7959, 0.3376, 0.2873

Monochromacy



Original Color

50.8452, 0.3109, 0.2426



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.5709, 0.3119, 0.2932

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8452, 0.3109, 0.2426 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(239, 162, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 162, 246)  
}
```

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(239, 162, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 162, 246) }
```

Border

The CSS property to change the border of an element to Yxy 50.8452, 0.3109, 0.2426 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(239, 162, 246) }
```

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

```
.border{ border-color:rgb(239, 162, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 162, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 162, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 162, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 162,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8452, 0.3109, 0.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 162, 246) }
```

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

```
.background{ background-color: rgb(239,  
162, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor