

Converting Colors

Yxy(52.0194, 0.3472, 0.2826)

Have a look what the booklet for
Yxy(52.0194, 0.3472, 0.2826)
contains.

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Color

Yxy(52.1147, 0.3468, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	F7A7D3
RGB	247, 167, 211
RGB Percent	97%, 65%, 83%
CMY	0.0314, 0.3451, 0.1726
CMYK	0.00, 0.32, 0.15, 0.03
HSL	327°, 83%, 81%
HSV	327°, 32%, 97%
XYZ	63.9313, 52.1147, 68.3003
YIQ	195.9360, 33.5560, 30.6440

Conversions

Conversions Part 2

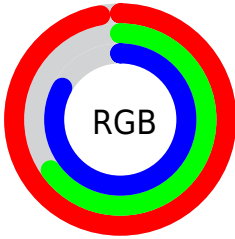
Format	Color
R_{YB}	247, 167, 211
Decimal	16230355
CIE _{Lab}	77.35, 35.72, -10.26
CIE _{LCh}	77, 37.164, 343.977
Yxy	52.1147, 0.3468, 0.2827
Android (android.graphics.Color)	4294420435 (0xFFF7A7D3)
YUV	195.9360, 7.4266, 44.7831
Hunter-Lab	72.1905, 31.7447, -5.5616

Details

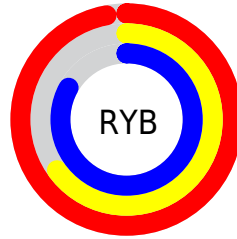
The Yxy color $52.1147, 0.3468, 0.2827$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $79.0512, 0.2889, 0.3807$, and the grayscale version is $55.1022, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2554, 0.3142, 0.2980$, and $25.2537, 0.3555, 0.2720$ is the 20% darker color. If you saturate the color by 10%, you get $43.3757, 0.3617, 0.2682$, and if you desaturate by 10%, it is $62.6254, 0.3341, 0.2975$.

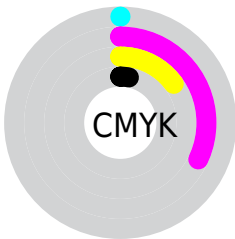
Distribution



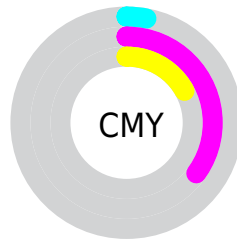
- Red (97%)
- Green (65%)
- Blue (83%)



- Red (97%)
- Yellow (65%)
- Blue (83%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1147, 0.3468, 0.2827 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 52.1147, 0.3468, 0.2827 by changing the saturation by 10% instead.

 52.1147, 0.3468,
0.2827


 52.1147, 0.3468,
0.2827

394.8793, 0.3305,
0.3045

 37.0965, 0.3507,
0.2776


 93.3004, 0.3410,
0.2904

 25.2822, 0.3555,
0.2713

 120.2366, 0.3388,
0.2933

 16.2874, 0.3617,
0.2632


151.9144, 0.3369,
0.2959

 9.7278, 0.3700,
0.2525

188.7180, 0.3353,
0.2981

 5.2188, 0.3818,
0.2376

231.0319, 0.3339,
0.3000

 2.3762, 0.3994,
0.2159

279.2405, 0.3326,

 0.8136, 0.4288,

0.3017

0.1810

333.7282, 0.3315,
0.3032

0.0000, 0.5986,
0.0000

0.0000, 0.0000,
0.0000

52.1147, 0.3468,
0.2827

52.1147, 0.3468,
0.2827

43.3757, 0.3617,
0.2682

62.6254, 0.3341,
0.2975

36.3016, 0.3788,
0.2549

74.9921, 0.3235,
0.3120

30.7854, 0.3981,
0.2438

89.3025, 0.3146,
0.3258

26.7046, 0.4190,
0.2363

98.5140, 0.3078,
0.3290

■ 23.9176, 0.4408,
0.2333

■ 22.2541, 0.4624,
0.2358

■ 21.5447, 0.4784,
0.2409

Harmonies

Analogous

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



52.1147, 0.2958, 0.2583



52.1147, 0.3468, 0.2827



52.1147, 0.3908, 0.3178

Triad

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



52.1147, 0.3468, 0.2827



52.1147, 0.3706, 0.4172



52.1147, 0.2226, 0.2878

Complementary

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



52.1147, 0.3468, 0.2827



79.0512, 0.2889, 0.3807

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.



52.1147, 0.2392, 0.3335



52.1147, 0.3468, 0.2827



52.1147, 0.3232, 0.4149

Square

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



52.1147, 0.3468, 0.2827



52.1147, 0.4039, 0.3940



52.1147, 0.2752, 0.3827



52.1147, 0.2275, 0.2587

Rectangle

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



52.1147, 0.3468, 0.2827



52.1147, 0.4082, 0.3442



52.1147, 0.2752, 0.3827



52.1147, 0.2257, 0.3016

Sweetspot

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



52.1171, 0.3468, 0.2827



84.0780, 0.3212, 0.3153



47.0538, 0.2812, 0.2395



17.5540, 0.3225, 0.3133



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.



52.1171, 0.3468, 0.2827



49.5498, 0.3565, 0.2730



50.3559, 0.3841, 0.3249



16.6350, 0.3207, 0.3161



11.4234, 0.4751, 0.2391



1.0247, 0.4504, 0.2255

Inverse Universe

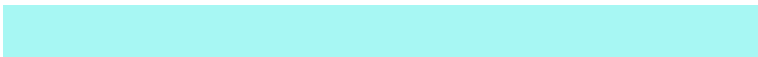
The Inverse Universe completely reimagines the original color for something new.



52.1171, 0.3468, 0.2827



49.5498, 0.3565, 0.2730



81.2088, 0.2684, 0.3334



16.6350, 0.3207, 0.3161



11.4234, 0.4751, 0.2391



1.0247, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 52.1147, 0.3468, 0.2827 looks on a white background.

Color Contrast Check

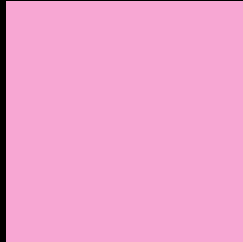
Large Text (above 18pt) WCAG AA × Fail

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 52.1147, 0.3468, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

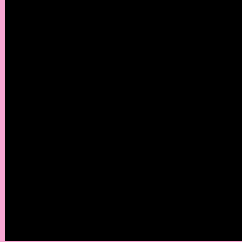
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1147, 0.3468, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 52.1147, 0.3468, 0.2827.



This preview shows how white text looks on a background with the Yxy color 52.1147, 0.3468, 0.2827.

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

52.1147, 0.3468, 0.2827

Protanopia

52.5082, 0.2825, 0.2857

Deuteranopia

52.3684, 0.3098, 0.3029



Tritanopia

52.2409, 0.3667, 0.3150

Trichromacy



Original Color

52.1147, 0.3468, 0.2827



Protanomaly

51.9418, 0.3034, 0.2839



Deuteranomaly

51.9037, 0.3228, 0.2948



Tritanomaly

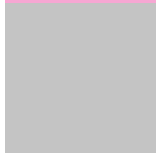
52.0570, 0.3598, 0.3033

Monochromacy



Original Color

52.1147, 0.3468, 0.2827



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.3620, 0.3253, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1147, 0.3468, 0.2827 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(247, 167, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 167, 211)  
}
```

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(247, 167, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 167, 211) }
```

Border

The CSS property to change the border of an element to Yxy 52.1147, 0.3468, 0.2827 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(247, 167, 211) }
```

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

```
.border{ border-color:rgb(247, 167, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 167, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 167, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 167, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 167,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1147, 0.3468, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 167, 211) }
```

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

```
.background{ background-color: rgb(247,  
167, 211) }
```

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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