

Converting Colors

Yxy(56.8945, 0.3158, 0.2611)

Have a look what the booklet for
Yxy(56.8945, 0.3158, 0.2611)
contains.

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Color

Yxy(56.9700, 0.3159, 0.2613)

Conversions

Conversions Part 1

Format	Color
Hex	F3B1F3
RGB	243, 177, 243
RGB Percent	95%, 69%, 95%
CMY	0.0469, 0.3059, 0.0470
CMYK	0.00, 0.27, 0.00, 0.05
HSL	300°, 73%, 82%
HSV	300°, 27%, 95%
XYZ	68.8742, 56.9700, 92.1811
YIQ	204.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

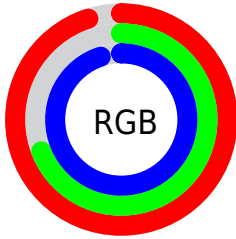
Format	Color
R _Y B	243, 177, 243
Decimal	15970803
CIE Lab	80.16, 34.61, -23.40
CIE LCh	80, 41.776, 325.930
Yxy	56.9700, 0.3159, 0.2613
Android (android.graphics.Color)	4294160883 (0xFFFF3B1F3)
YUV	204.2580, 19.0998, 33.9767
Hunter-Lab	75.4785, 30.7941, -19.5753

Details

The Yxy color $56.9700, 0.3159, 0.2613$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $76.6428, 0.3090, 0.4075$, and the grayscale version is $60.4263, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $28.4423, 0.3155, 0.2464$ is the 20% darker color. If you saturate the color by 10%, you get $48.2122, 0.3170, 0.2370$, and if you desaturate by 10%, it is $67.4424, 0.3147, 0.2864$.

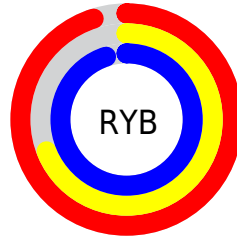
Distribution



Red (95%)

Green (69%)

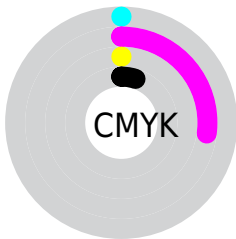
Blue (95%)



Red (95%)

Yellow (69%)

Blue (95%)

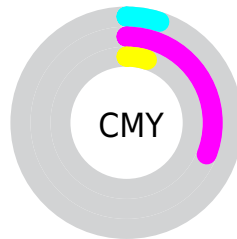


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9700, 0.3159, 0.2613 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 56.9700, 0.3159, 0.2613 by changing the saturation by 10% instead.


 56.9700, 0.3159,
0.2613

 56.9700, 0.3159,
0.2613


413.3369, 0.3151,
0.2921

 40.9812, 0.3159,
0.2544


 100.4214, 0.3158,
0.2719

 28.3044, 0.3158,
0.2460


128.6528, 0.3157,
0.2760

 18.5552, 0.3156,
0.2355


161.7338, 0.3156,
0.2796

 11.3493, 0.3151,
0.2220

200.0488, 0.3155,
0.2827

 6.3023, 0.3140,
0.2042

243.9822, 0.3154,
0.2855

 3.0298, 0.3115,
0.1796


293.9184, 0.3153,

 1.1473, 0.3058,


0.2879

0.1442


350.2418, 0.3152,
0.2901


 0.0180, 0.3176,
0.0066


 0.0000, 0.0000,
0.0000


 56.9700, 0.3159,
0.2613


 56.9700, 0.3159,
0.2613


 48.2122, 0.3170,
0.2370


 67.4424, 0.3147,
0.2864


 41.0707, 0.3181,
0.2144


 79.7059, 0.3135,
0.3114


 35.4489, 0.3190,
0.1946


 93.8415, 0.3124,
0.3358


 31.2369, 0.3198,
0.1784

 97.0548, 0.3122,
0.3407


 28.3099, 0.3204,
0.1663

 97.0551, 0.3122,
0.3407


 26.5212, 0.3207,
0.1586


 97.0553, 0.3122,
0.3407

 25.6814, 0.3209,
0.1548

 97.0555, 0.3122,
0.3407

 25.5324, 0.3210,
0.1542

 97.0557, 0.3122,
0.3407

 97.0559, 0.3122,
0.3407

Harmonies

Analogous

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



56.9700, 0.2644, 0.2444



56.9700, 0.3159, 0.2613



56.9700, 0.3710, 0.2928

Triad

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



56.9700, 0.3159, 0.2613



56.9700, 0.3999, 0.4119



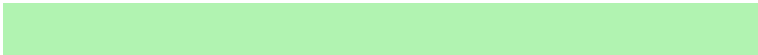
56.9700, 0.2230, 0.3121

Complementary

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



56.9700, 0.3159, 0.2613



76.6428, 0.3090, 0.4075

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.



56.9700, 0.2540, 0.3672



56.9700, 0.3159, 0.2613



56.9700, 0.3557, 0.4285

Square

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



56.9700, 0.3159, 0.2613



56.9700, 0.4213, 0.3759



56.9700, 0.3022, 0.4130



56.9700, 0.2146, 0.2687

Rectangle

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



56.9700, 0.3159, 0.2613



56.9700, 0.4004, 0.3192



56.9700, 0.3022, 0.4130



56.9700, 0.2310, 0.3300

Sweetspot

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



56.9725, 0.3159, 0.2613



87.6677, 0.3136, 0.3093



47.2572, 0.2653, 0.2506



18.3004, 0.3138, 0.3056



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.



56.9725, 0.3159, 0.2613



57.5484, 0.3166, 0.2468



55.1535, 0.3427, 0.2938



16.7683, 0.3138, 0.3057



14.0083, 0.3210, 0.1542



1.2312, 0.3210, 0.1542

Inverse Universe

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



56.9725, 0.3159, 0.2613



57.5484, 0.3166, 0.2468



78.1224, 0.2906, 0.3672



16.7683, 0.3138, 0.3057



14.0083, 0.3210, 0.1542



1.2312, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 56.9700, 0.3159, 0.2613 looks on a white background.

Color Contrast Check

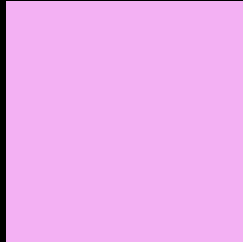
Large Text (above 18pt) WCAG AA × Fail

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 56.9700, 0.3159, 0.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

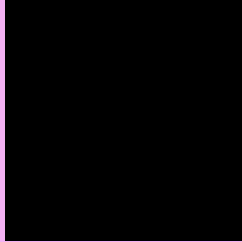
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9700, 0.3159, 0.2613

Background



This preview shows how black text looks on a background with the Yxy color 56.9700, 0.3159, 0.2613.



This preview shows how white text looks on a background with the Yxy color 56.9700, 0.3159, 0.2613.

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

56.9700, 0.3159, 0.2613

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

57.3273, 0.2838, 0.2779



Tritanopia

56.8726, 0.3447, 0.3127

Trichromacy



Original Color

56.9700, 0.3159, 0.2613



Protanomaly

56.7711, 0.2814, 0.2619



Deuteranomaly

56.6135, 0.2945, 0.2707



Tritanomaly

56.7645, 0.3336, 0.2926

Monochromacy



Original Color

56.9700, 0.3159, 0.2613



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.5510, 0.3140, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9700, 0.3159, 0.2613 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, 177, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 243)  
}
```

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, 177, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 243) }
```

Border

The CSS property to change the border of an element to Yxy 56.9700, 0.3159, 0.2613 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, 177, 243) }
```

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

```
.border{ border-color:rgb(243, 177, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9700, 0.3159, 0.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 243) }
```

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

```
.background{ background-color: rgb(243,  
177, 243) }
```

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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