

Converting Colors

Yxy(56.3964, 0.3107, 0.2563)

Have a look what the booklet for
Yxy(56.3964, 0.3107, 0.2563)
contains.

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Color

Yxy(56.2913, 0.3105, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	F0B0F7
RGB	240, 176, 247
RGB Percent	94%, 69%, 97%
CMY	0.0588, 0.3098, 0.0314
CMYK	0.03, 0.29, 0.00, 0.03
HSL	294°, 82%, 83%
HSV	294°, 29%, 97%
XYZ	68.2485, 56.2913, 95.2622
YIQ	203.2300, 15.3530, 35.6490

Conversions

Conversions Part 2

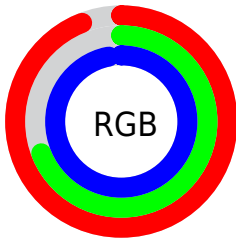
Format	Color
R _Y B	240, 176, 247
Decimal	15773943
CIE Lab	79.78, 34.89, -26.15
CIE LCh	80, 43.605, 323.152
Yxy	56.2913, 0.3105, 0.2561
Android (android.graphics.Color)	4293964023 (0xFFFF0B0F7)
YUV	203.2300, 21.5786, 32.2473
Hunter-Lab	75.0275, 31.0737, -22.7610

Details

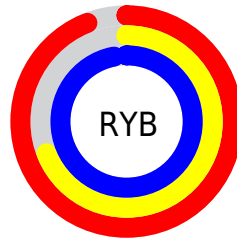
The Yxy color **56.2913, 0.3105, 0.2561** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.7235, 0.3131, 0.4118**, and the grayscale version is **59.7292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.9509, 0.3093, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **47.0493, 0.3092, 0.2308**, and if you desaturate by 10%, it is **67.3060, 0.3115, 0.2819**.

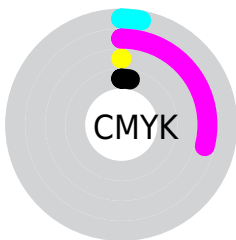
Distribution



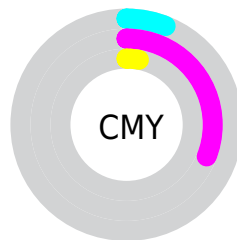
- Red (94%)
- Green (69%)
- Blue (97%)



- Red (94%)
- Yellow (69%)
- Blue (97%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (3%)




- Cyan (6%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2913, 0.3105, 0.2561 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 56.2913, 0.3105, 0.2561 by changing the saturation by 10% instead.


 56.2913, 0.3105,
0.2561

 56.2913, 0.3105,
0.2561

410.7884, 0.3124,
0.2892

 40.4365, 0.3099,
0.2487


 99.4304, 0.3113,
0.2674

 27.8791, 0.3090,
0.2398


127.4834, 0.3116,
0.2719

 18.2345, 0.3077,
0.2286


160.3714, 0.3118,
0.2757

 11.1185, 0.3058,
0.2142

198.4786, 0.3120,
0.2791

 6.1466, 0.3027,
0.1954

242.1896, 0.3121,
0.2821

 2.9344, 0.2973,
0.1696

291.8886, 0.3122,

 1.0976, 0.2868,

0.2847

0.1330

347.9600, 0.3123,
0.2871

0.0000, 0.2861,
0.0000

0.0000, 0.0000,
0.0000

56.2913, 0.3105,
0.2561

56.2913, 0.3105,
0.2561

47.0493, 0.3092,
0.2308

67.3060, 0.3115,
0.2819

39.4771, 0.3076,
0.2071

80.1746, 0.3123,
0.3074

33.4723, 0.3056,
0.1859

94.9819, 0.3128,
0.3320

28.9184, 0.3035,
0.1682

98.5113, 0.3141,
0.3367

■ 25.6825, 0.3011,
0.1547

■ 98.9634, 0.3156,
0.3367

■ 23.6074, 0.2986,
0.1457

■ 99.4213, 0.3171,
0.3367

■ 22.4640, 0.2961,
0.1408

■ 99.4953, 0.3173,
0.3367

■ 22.3480, 0.2958,
0.1403

Harmonies

Analogous

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



56.2913, 0.2579, 0.2402



56.2913, 0.3105, 0.2561



56.2913, 0.3687, 0.2876

Triad

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



56.2913, 0.3105, 0.2561



56.2913, 0.4071, 0.4125



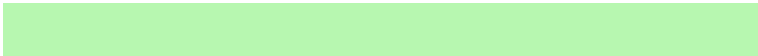
56.2913, 0.2211, 0.3161

Complementary

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



56.2913, 0.3105, 0.2561



79.7235, 0.3131, 0.4118

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.



56.2913, 0.2552, 0.3744



56.2913, 0.3105, 0.2561



56.2913, 0.3624, 0.4330

Square

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



56.2913, 0.3105, 0.2561



56.2913, 0.4269, 0.3736



56.2913, 0.3066, 0.4204



56.2913, 0.2102, 0.2691

Rectangle

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



56.2913, 0.3105, 0.2561



56.2913, 0.4010, 0.3146



56.2913, 0.3066, 0.4204



56.2913, 0.2300, 0.3352

Sweetspot

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



56.2937, 0.3105, 0.2561



85.7948, 0.3122, 0.3067



49.8565, 0.2630, 0.2538



17.9065, 0.3122, 0.3031



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.



56.2937, 0.3105, 0.2561



55.0111, 0.3098, 0.2425



55.9205, 0.3389, 0.2845



16.6804, 0.3122, 0.3056



11.8545, 0.2962, 0.1405



1.0655, 0.2995, 0.1424

Inverse Universe

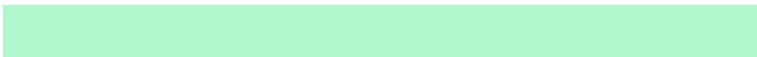
The Inverse Universe completely reimagines the original color for something new.



54.2460, 0.3702, 0.3216



52.5444, 0.3853, 0.3202



80.1307, 0.2932, 0.3783



16.5090, 0.3278, 0.3267



10.5027, 0.6288, 0.3238



0.9318, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 56.2913, 0.3105, 0.2561 looks on a white background.

Color Contrast Check

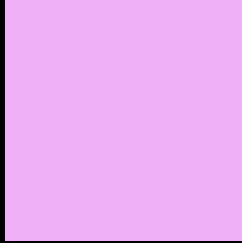
Large Text (above 18pt) WCAG AA × Fail

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 56.2913, 0.3105, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

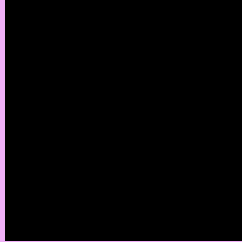
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2913, 0.3105, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 56.2913, 0.3105, 0.2561.

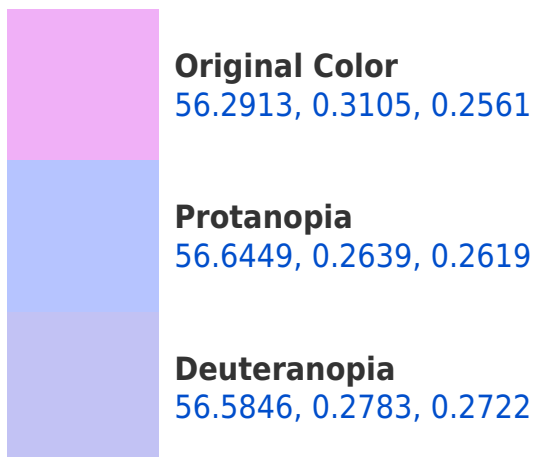


This preview shows how white text looks on a background with the Yxy color 56.2913, 0.3105, 0.2561.

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

56.1451, 0.3422, 0.3136

Trichromacy



Original Color

56.2913, 0.3105, 0.2561



Protanomaly

56.1200, 0.2793, 0.2595



Deuteranomaly

55.9821, 0.2896, 0.2652



Tritanomaly

56.2466, 0.3311, 0.2923

Monochromacy



Original Color

56.2913, 0.3105, 0.2561



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.8533, 0.3117, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2913, 0.3105, 0.2561 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(240, 176, 247)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 247)  
}
```

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(240, 176, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 247) }
```

Border

The CSS property to change the border of an element to Yxy 56.2913, 0.3105, 0.2561 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(240, 176, 247) }
```

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

```
.border{ border-color:rgb(240, 176, 247) }
```

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

Here you see how a box with a 4 pixel rgb(240, 176, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2913, 0.3105, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 176, 247) }
```

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

```
.background{ background-color: rgb(240,  
176, 247) }
```

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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