

Converting Colors

Yxy(56.2925, 0.3022, 0.2658)

Have a look what the booklet for
Yxy(56.2925, 0.3022, 0.2658)
contains.

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Color

Yxy(56.2853, 0.3022, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7F2
RGB	225, 183, 242
RGB Percent	88%, 72%, 95%
CMY	0.1179, 0.2822, 0.0511
CMYK	0.07, 0.24, 0.00, 0.05
HSL	283°, 69%, 83%
HSV	283°, 24%, 95%
XYZ	63.9933, 56.2853, 91.4795
YIQ	202.2840, 6.0930, 27.2530

Conversions

Conversions Part 2

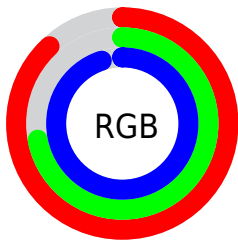
Format	Color
R _Y B	225, 183, 242
Decimal	14792690
CIE Lab	79.78, 25.40, -23.59
CIE LCh	80, 34.666, 317.120
Yxy	56.2853, 0.3022, 0.2658
Android (android.graphics.Color)	4292982770 (0xFFE1B7F2)
YUV	202.2840, 19.5800, 19.9219
Hunter-Lab	75.0235, 20.9651, -19.7784

Details

The Yxy color **56.2853, 0.3022, 0.2658** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.2037, 0.3206, 0.3959**, and the grayscale version is **59.1198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **27.9455, 0.2985, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **46.0451, 0.2965, 0.2383**, and if you desaturate by 10%, it is **68.2925, 0.3071, 0.2927**.

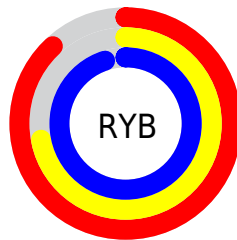
Distribution



Red (88%)

Green (72%)

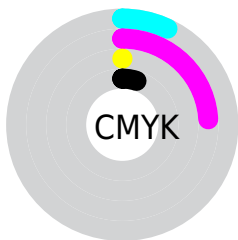
Blue (95%)



Red (88%)

Yellow (72%)

Blue (95%)

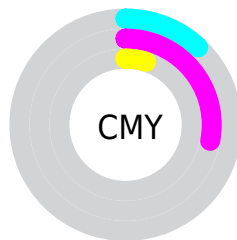


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (12%)


Magenta (28%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2853, 0.3022, 0.2658 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 56.2853, 0.3022, 0.2658 by changing the saturation by 10% instead.

 56.2853, 0.3022,
0.2658

 56.2853, 0.3022,
0.2658


410.7658, 0.3078,
0.2949

 40.4317, 0.3008,
0.2592


 99.4216, 0.3043,
0.2758

 27.8753, 0.2989,
0.2512


127.4731, 0.3050,
0.2797

 18.2317, 0.2963,
0.2410


160.3593, 0.3057,
0.2831

 11.1165, 0.2928,
0.2279

198.4647, 0.3062,
0.2861

 6.1452, 0.2876,
0.2104

242.1737, 0.3067,
0.2887

 2.9336, 0.2792,
0.1859

291.8706, 0.3071,

 1.0972, 0.2643,

0.2910

0.1500

347.9398, 0.3075,
0.2930

0.0000, 0.2507,
0.0000

0.0000, 0.0000,
0.0000

56.2853, 0.3022,
0.2658

56.2853, 0.3022,
0.2658

46.0451, 0.2965,
0.2383

68.2925, 0.3071,
0.2927

37.4763, 0.2901,
0.2112

82.1414, 0.3112,
0.3183

30.4853, 0.2830,
0.1854

97.5094, 0.3146,
0.3417

24.9661, 0.2753,
0.1622

98.7984, 0.3190,
0.3416

■ 20.7992, 0.2674,
0.1427

■ 99.1896, 0.3203,
0.3415

■ 17.8462, 0.2595,
0.1278

■ 15.9379, 0.2518,
0.1178

■ 15.1799, 0.2477,
0.1138

Harmonies

Analogous

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



56.2853, 0.2618, 0.2559



56.2853, 0.3022, 0.2658



56.2853, 0.3486, 0.2896

Triad

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



56.2853, 0.3022, 0.2658



56.2853, 0.3936, 0.3917



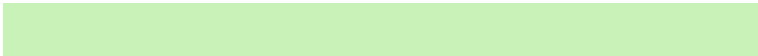
56.2853, 0.2430, 0.3286

Complementary

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



56.2853, 0.3022, 0.2658



79.2037, 0.3206, 0.3959

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.



56.2853, 0.2746, 0.3733



56.2853, 0.3022, 0.2658



56.2853, 0.3617, 0.4102

Square

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



56.2853, 0.3022, 0.2658



56.2853, 0.4035, 0.3594



56.2853, 0.3179, 0.4046



56.2853, 0.2296, 0.2882

Rectangle

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



56.2853, 0.3022, 0.2658



56.2853, 0.3759, 0.3111



56.2853, 0.3179, 0.4046



56.2853, 0.2517, 0.3439

Sweetspot

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



56.2877, 0.3022, 0.2658



88.1693, 0.3101, 0.3116



58.1234, 0.2727, 0.2811



18.6642, 0.3099, 0.3101



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.



56.2877, 0.3022, 0.2658



57.7150, 0.2996, 0.2529



58.4791, 0.3246, 0.2797



15.7885, 0.3092, 0.3054



8.2294, 0.2489, 0.1145



0.7351, 0.2586, 0.1198

Inverse Universe

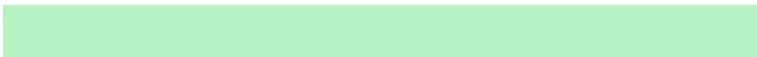
The Inverse Universe completely reimagines the original color for something new.



56.9291, 0.3492, 0.3107



58.6131, 0.3587, 0.3070



77.4964, 0.3027, 0.3839



15.8340, 0.3248, 0.3222



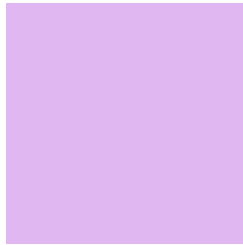
10.3990, 0.5799, 0.2968



0.8817, 0.5426, 0.2763

Previews

White Background



This preview shows how the Yxy color 56.2853, 0.3022, 0.2658 looks on a white background.

Color Contrast Check

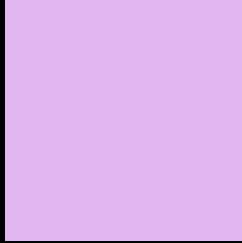
Large Text (above 18pt) WCAG AA × Fail

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 56.2853, 0.3022, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

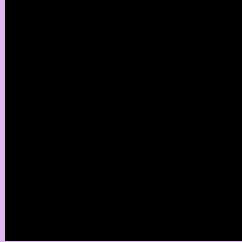
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2853, 0.3022, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 56.2853, 0.3022, 0.2658.

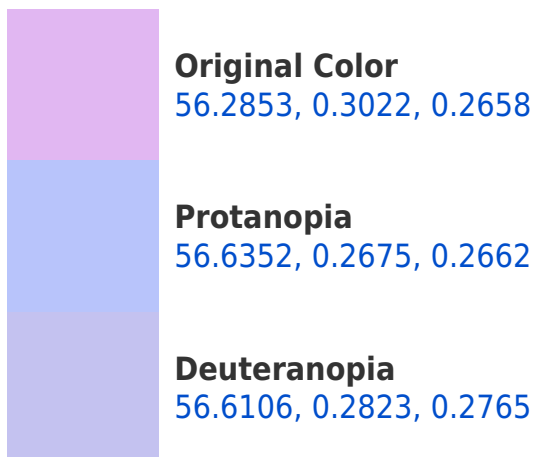


This preview shows how white text looks on a background with the Yxy color 56.2853, 0.3022, 0.2658.

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

56.2948, 0.3250, 0.3119

Trichromacy



Original Color

56.2853, 0.3022, 0.2658

Protanomaly

56.1810, 0.2791, 0.2652

Deuteranomaly

56.4432, 0.2894, 0.2721

Tritanomaly

55.9748, 0.3168, 0.2943

Monochromacy



Original Color

56.2853, 0.3022, 0.2658

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.7416, 0.3084, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2853, 0.3022, 0.2658 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(225, 183, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 242)  
}
```

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(225, 183, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.2853, 0.3022, 0.2658 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(225, 183, 242) }
```

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

```
.border{ border-color:rgb(225, 183, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2853, 0.3022, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 242) }
```

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

```
.background{ background-color: rgb(225,  
183, 242) }
```

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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