

Converting Colors

Yxy(56.1254, 0.3138, 0.2668)

Have a look what the booklet for
Yxy(56.1254, 0.3138, 0.2668)
contains.

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Color

Yxy(56.2461, 0.3140, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	ECB3EE
RGB	236, 179, 238
RGB Percent	93%, 70%, 93%
CMY	0.0745, 0.2980, 0.0666
CMYK	0.01, 0.25, 0.00, 0.07
HSL	298°, 63%, 82%
HSV	298°, 25%, 93%
XYZ	66.1471, 56.2461, 88.2664
YIQ	202.7690, 15.0330, 30.4330

Conversions

Conversions Part 2

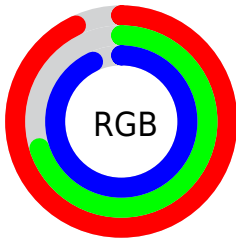
Format	Color
R _Y B	236, 179, 238
Decimal	15512558
CIE Lab	79.75, 30.36, -21.39
CIE LCh	80, 37.140, 324.832
Yxy	56.2461, 0.3140, 0.2670
Android (android.graphics.Color)	4293702638 (0xFFECB3EE)
YUV	202.7690, 17.3689, 29.1436
Hunter-Lab	74.9974, 26.1901, -17.2817

Details

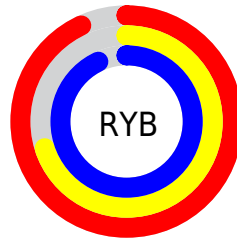
The Yxy color $56.2461, 0.3140, 0.2670$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.2343, 0.3107, 0.3992$, and the grayscale version is $59.4525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $27.8828, 0.3130, 0.2530$ is the 20% darker color. If you saturate the color by 10%, you get $47.3792, 0.3143, 0.2421$, and if you desaturate by 10%, it is $66.7651, 0.3135, 0.2923$.

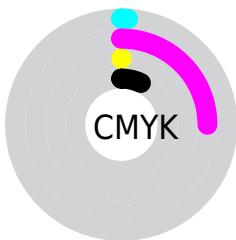
Distribution



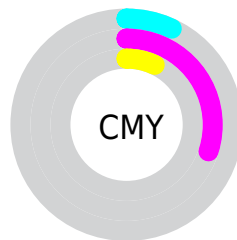
- Red (93%)
- Green (70%)
- Blue (93%)



- Red (93%)
- Yellow (70%)
- Blue (93%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2461, 0.3140, 0.2670 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 56.2461, 0.3140, 0.2670 by changing the saturation by 10% instead.


 56.2461, 0.3140,
0.2670

 56.2461, 0.3140,
0.2670


410.6183, 0.3140,
0.2955

 40.4003, 0.3139,
0.2606


 99.3643, 0.3141,
0.2768

 27.8508, 0.3136,
0.2527


127.4055, 0.3141,
0.2806

 18.2132, 0.3132,
0.2428


160.2806, 0.3141,
0.2840

 11.1032, 0.3124,
0.2300

198.3739, 0.3141,
0.2868

 6.1363, 0.3109,
0.2129

242.0700, 0.3141,
0.2894

 2.9281, 0.3081,
0.1890

291.7531, 0.3140,

 1.0943, 0.3018,

0.2916

0.1537

347.8078, 0.3140,
0.2936

0.0000, 0.3147,
0.0000

0.0000, 0.0000,
0.0000

56.2461, 0.3140,
0.2670

56.2461, 0.3140,
0.2670

47.3792, 0.3143,
0.2421

66.7651, 0.3135,
0.2923

40.0724, 0.3145,
0.2186

79.0073, 0.3130,
0.3173

34.2360, 0.3146,
0.1974

93.0487, 0.3124,
0.3414

29.7685, 0.3144,
0.1796

96.0861, 0.3127,
0.3459

■ 26.5550, 0.3140,
0.1657

■ 96.2273, 0.3132,
0.3458

■ 24.4624, 0.3134,
0.1562

■ 96.3691, 0.3137,
0.3458

■ 23.3270, 0.3127,
0.1510

■ 96.5115, 0.3142,
0.3458

■ 22.9847, 0.3123,
0.1494

■ 96.6546, 0.3147,
0.3458

■ 96.7983, 0.3152,
0.3457

Harmonies

Analogous

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



56.2461, 0.2680, 0.2523



56.2461, 0.3140, 0.2670



56.2461, 0.3631, 0.2953

Triad

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



56.2461, 0.3140, 0.2670



56.2461, 0.3923, 0.4028



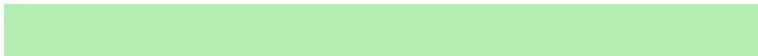
56.2461, 0.2327, 0.3161

Complementary

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



56.2461, 0.3140, 0.2670



74.2343, 0.3107, 0.3992

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.



56.2461, 0.2616, 0.3648



56.2461, 0.3140, 0.2670



56.2461, 0.3535, 0.4174

Square

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



56.2461, 0.3140, 0.2670



56.2461, 0.4100, 0.3707



56.2461, 0.3055, 0.4042



56.2461, 0.2240, 0.2765

Rectangle

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



56.2461, 0.3140, 0.2670



56.2461, 0.3897, 0.3193



56.2461, 0.3055, 0.4042



56.2461, 0.2402, 0.3321

Sweetspot

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



56.2486, 0.3140, 0.2670



89.0205, 0.3131, 0.3118



49.1939, 0.2704, 0.2622



18.8618, 0.3132, 0.3103



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.



56.2486, 0.3140, 0.2670



60.0307, 0.3142, 0.2537



55.1459, 0.3369, 0.2940



16.0025, 0.3133, 0.3057



12.8340, 0.3125, 0.1495



1.0762, 0.3136, 0.1501

Inverse Universe

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



53.7563, 0.3632, 0.3269



56.6403, 0.3782, 0.3265



75.1737, 0.2941, 0.3669



15.7675, 0.3288, 0.3282



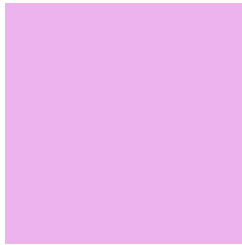
10.1547, 0.6365, 0.3280



0.8478, 0.6271, 0.3228

Previews

White Background



This preview shows how the Yxy color 56.2461, 0.3140, 0.2670 looks on a white background.

Color Contrast Check

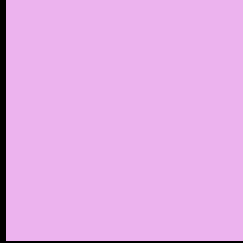
Large Text (above 18pt) WCAG AA × Fail

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 56.2461, 0.3140, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

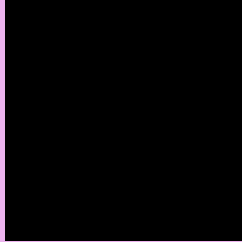
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2461, 0.3140, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 56.2461, 0.3140, 0.2670.



This preview shows how white text looks on a background with the Yxy color 56.2461, 0.3140, 0.2670.

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

56.2461, 0.3140, 0.2670

Protanopia

56.6963, 0.2688, 0.2673

Deuteranopia

56.2802, 0.2876, 0.2809



Tritanopia

56.2769, 0.3395, 0.3135

Trichromacy



Original Color

56.2461, 0.3140, 0.2670



Protanomaly

56.3181, 0.2839, 0.2667



Deuteranomaly

56.0196, 0.2965, 0.2756



Tritanomaly

56.0457, 0.3301, 0.2952

Monochromacy



Original Color

56.2461, 0.3140, 0.2670



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.9885, 0.3131, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2461, 0.3140, 0.2670 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(236, 179, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 179, 238)  
}
```

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(236, 179, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 238) }
```

Border

The CSS property to change the border of an element to Yxy 56.2461, 0.3140, 0.2670 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(236, 179, 238) }
```

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

```
.border{ border-color:rgb(236, 179, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 179, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2461, 0.3140, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 238) }
```

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

```
.background{ background-color: rgb(236,  
179, 238) }
```

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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