

Converting Colors

Yxy(56.5509, 0.3146, 0.2871)

Have a look what the booklet for
Yxy(56.5509, 0.3146, 0.2871)
contains.

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Color

Yxy(56.3469, 0.3147, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	E0BAE0
RGB	224, 186, 224
RGB Percent	88%, 73%, 88%
CMY	0.1214, 0.2706, 0.1215
CMYK	0.00, 0.17, 0.00, 0.12
HSL	300°, 38%, 80%
HSV	300°, 17%, 88%
XYZ	61.7637, 56.3469, 78.1516
YIQ	201.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

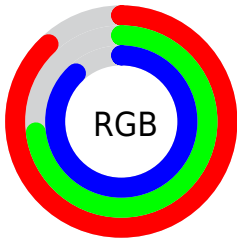
Format	Color
R _Y B	224, 186, 224
Decimal	14727904
CIE Lab	79.81, 20.10, -13.88
CIE LCh	80, 24.428, 325.379
Yxy	56.3469, 0.3147, 0.2871
Android (android.graphics.Color)	4292917984 (0xFFE0BAE0)
YUV	201.6940, 10.9969, 19.5624
Hunter-Lab	75.0646, 15.5082, -9.1831

Details

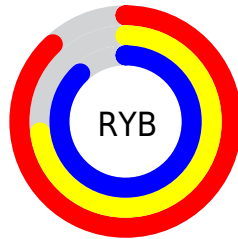
The Yxy color **56.3469, 0.3147, 0.2871** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.3150, 0.3106, 0.3748**, and the grayscale version is **58.7911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.9645, 0.3141, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **47.6381, 0.3159, 0.2621**, and if you desaturate by 10%, it is **66.5404, 0.3135, 0.3120**.

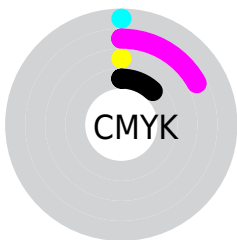
Distribution



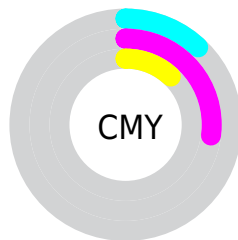
- Red (88%)
- Green (73%)
- Blue (88%)



- Red (88%)
- Yellow (73%)
- Blue (88%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3469, 0.3147, 0.2871 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 56.3469, 0.3147, 0.2871 by changing the saturation by 10% instead.


 56.3469, 0.3147,
0.2871

 56.3469, 0.3147,
0.2871

410.9975, 0.3140,
0.3067

 40.4811, 0.3148,
0.2826


 99.5116, 0.3145,
0.2939

 27.9139, 0.3149,
0.2770


127.5793, 0.3144,
0.2966

 18.2607, 0.3149,
0.2698


160.4831, 0.3143,
0.2989

 11.1373, 0.3149,
0.2604

198.6074, 0.3143,
0.3008

 6.1593, 0.3146,
0.2475

242.3366, 0.3142,
0.3026

 2.9422, 0.3138,
0.2287

292.0551, 0.3141,

 1.1016, 0.3115,

0.3041

0.1991

348.1473, 0.3141,
0.3055

0.0000, 0.3320,
0.0000

0.0000, 0.0000,
0.0000

56.3469, 0.3147,
0.2871

56.3469, 0.3147,
0.2871

47.6381, 0.3159,
0.2621

66.5404, 0.3135,
0.3120

40.3380, 0.3170,
0.2379

78.2757, 0.3124,
0.3362

34.3747, 0.3181,
0.2154

91.6155, 0.3113,
0.3592

29.6673, 0.3191,
0.1955

92.7588, 0.3112,
0.3609

■ 26.1260, 0.3198,
0.1791

■ 92.7595, 0.3112,
0.3609

■ 23.6491, 0.3204,
0.1669

■ 92.7603, 0.3112,
0.3609

■ 22.1177, 0.3208,
0.1590

■ 92.7610, 0.3112,
0.3609

■ 21.3769, 0.3210,
0.1550

■ 92.7617, 0.3112,
0.3609

■ 21.2300, 0.3211,
0.1542

■ 92.7624, 0.3112,
0.3609

Harmonies

Analogous

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



56.3469, 0.2838, 0.2769



56.3469, 0.3147, 0.2871



56.3469, 0.3466, 0.3070

Triad

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



56.3469, 0.3147, 0.2871



56.3469, 0.3653, 0.3789



56.3469, 0.2587, 0.3210

Complementary

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



56.3469, 0.3147, 0.2871



67.3150, 0.3106, 0.3748

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.



56.3469, 0.2787, 0.3518



56.3469, 0.3147, 0.2871



56.3469, 0.3400, 0.3864

Square

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



56.3469, 0.3147, 0.2871



56.3469, 0.3765, 0.3588



56.3469, 0.3082, 0.3766



56.3469, 0.2527, 0.2946

Rectangle

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



56.3469, 0.3147, 0.2871



56.3469, 0.3635, 0.3238



56.3469, 0.3082, 0.3766



56.3469, 0.2640, 0.3312

Sweetspot

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



56.3493, 0.3147, 0.2871



92.1327, 0.3133, 0.3168



50.9351, 0.2850, 0.2832



19.4927, 0.3134, 0.3151



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.



56.3493, 0.3147, 0.2871



71.6638, 0.3151, 0.2792



55.3751, 0.3296, 0.3076



13.9355, 0.3138, 0.3059



12.3528, 0.3211, 0.1542



0.8563, 0.3210, 0.1542

Inverse Universe

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



56.3493, 0.3147, 0.2871



71.6638, 0.3151, 0.2792



68.1778, 0.2987, 0.3515



13.9355, 0.3138, 0.3059



12.3528, 0.3211, 0.1542



0.8563, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 56.3469, 0.3147, 0.2871 looks on a white background.

Color Contrast Check

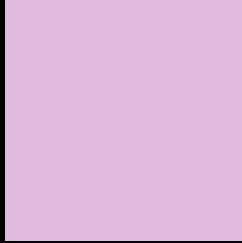
Large Text (above 18pt) WCAG AA × Fail

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 56.3469, 0.3147, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

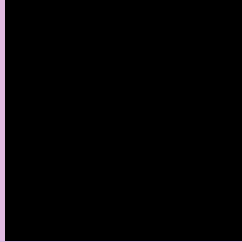
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3469, 0.3147, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 56.3469, 0.3147, 0.2871.



This preview shows how white text looks on a background with the Yxy color 56.3469, 0.3147, 0.2871.

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

56.3469, 0.3147, 0.2871

Protanopia

56.4558, 0.2853, 0.2882

Deuteranopia

56.5895, 0.3011, 0.2946



Tritanopia

56.1270, 0.3275, 0.3120

Trichromacy



Original Color

56.3469, 0.3147, 0.2871

Protanomaly

56.1381, 0.2961, 0.2878

Deuteranomaly

56.3008, 0.3065, 0.2917

Tritanomaly

56.1992, 0.3229, 0.3031

Monochromacy



Original Color

56.3469, 0.3147, 0.2871

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8346, 0.3135, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3469, 0.3147, 0.2871 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(224, 186, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 186, 224)  
}
```

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(224, 186, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 186, 224) }
```

Border

The CSS property to change the border of an element to Yxy 56.3469, 0.3147, 0.2871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

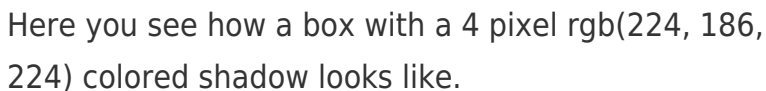
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 186, 224) }
```

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

```
.border{ border-color:rgb(224, 186, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 186, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 186, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 186, 224); box-shadow:4px 4px 4px 4px rgb(224, 186, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3469, 0.3147, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 186, 224) }
```

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

```
.background{ background-color: rgb(224,  
186, 224) }
```

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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