

Converting Colors

Yxy(56.3756, 0.3147, 0.2698)

Have a look what the booklet for
Yxy(56.3756, 0.3147, 0.2698)
contains.

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Color

Yxy(56.3608, 0.3147, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	EBB4EC
RGB	235, 180, 236
RGB Percent	92%, 71%, 93%
CMY	0.0785, 0.2941, 0.0746
CMYK	0.00, 0.24, 0.00, 0.07
HSL	299°, 60%, 82%
HSV	299°, 24%, 93%
XYZ	65.7160, 56.3608, 86.7443
YIQ	202.8290, 14.8040, 29.0760

Conversions

Conversions Part 2

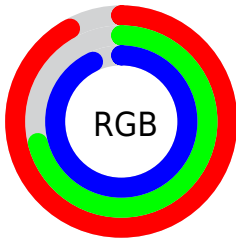
Format	Color
R _Y B	235, 180, 236
Decimal	15447276
CIE Lab	79.82, 29.12, -20.20
CIE LCh	80, 35.438, 325.246
Yxy	56.3608, 0.3147, 0.2699
Android (android.graphics.Color)	4293637356 (0xFFEBB4EC)
YUV	202.8290, 16.3533, 28.2140
Hunter-Lab	75.0738, 24.8710, -15.9551

Details

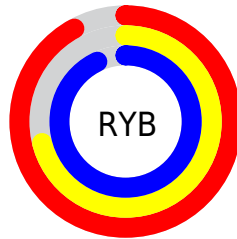
The Yxy color $56.3608, 0.3147, 0.2699$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $73.0886, 0.3102, 0.3958$, and the grayscale version is $59.4974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $28.0577, 0.3150, 0.2568$ is the 20% darker color. If you saturate the color by 10%, you get $47.5626, 0.3154, 0.2451$, and if you desaturate by 10%, it is $66.7858, 0.3139, 0.2951$.

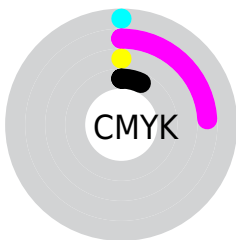
Distribution



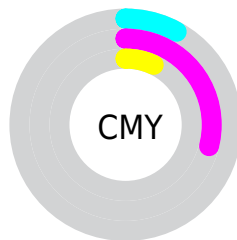
- Red (92%)
- Green (71%)
- Blue (93%)



- Red (92%)
- Yellow (71%)
- Blue (93%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)





- Cyan (8%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3608, 0.3147, 0.2699 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 56.3608, 0.3147, 0.2699 by changing the saturation by 10% instead.


 56.3608, 0.3147,
0.2699

 56.3608, 0.3147,
0.2699

411.0498, 0.3143,
0.2971

 40.4923, 0.3147,
0.2637


 99.5319, 0.3147,
0.2793

 27.9226, 0.3145,
0.2562


127.6033, 0.3146,
0.2830

 18.2673, 0.3143,
0.2467


160.5111, 0.3146,
0.2861

 11.1421, 0.3138,
0.2343

198.6396, 0.3145,
0.2889

 6.1625, 0.3127,
0.2178

242.3734, 0.3145,
0.2913

 2.9441, 0.3104,
0.1945

292.0967, 0.3144,

 1.1026, 0.3052,

0.2934

0.1599

348.1941, 0.3144,
0.2954

0.0000, 0.3220,
0.0000

0.0000, 0.0000,
0.0000

56.3608, 0.3147,
0.2699

56.3608, 0.3147,
0.2699

47.5626, 0.3154,
0.2451

66.7858, 0.3139,
0.2951

40.3018, 0.3161,
0.2216

78.9065, 0.3130,
0.3200

34.4915, 0.3166,
0.2004

92.7969, 0.3122,
0.3439

30.0334, 0.3169,
0.1825

95.5154, 0.3122,
0.3480

■ 26.8166, 0.3170,
0.1685

■ 95.5860, 0.3125,
0.3480

■ 24.7132, 0.3170,
0.1589

■ 95.6567, 0.3127,
0.3480

■ 23.5673, 0.3167,
0.1535

■ 95.7276, 0.3130,
0.3480

■ 23.1870, 0.3165,
0.1517

■ 95.7986, 0.3133,
0.3480

■ 95.8698, 0.3135,
0.3479

Harmonies

Analogous

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



56.3608, 0.2706, 0.2556



56.3608, 0.3147, 0.2699



56.3608, 0.3614, 0.2973

Triad

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



56.3608, 0.3147, 0.2699



56.3608, 0.3883, 0.4000



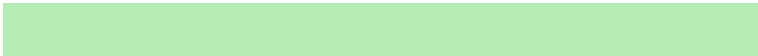
56.3608, 0.2359, 0.3163

Complementary

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



56.3608, 0.3147, 0.2699



73.0886, 0.3102, 0.3958

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.



56.3608, 0.2635, 0.3625



56.3608, 0.3147, 0.2699



56.3608, 0.3512, 0.4132

Square

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



56.3608, 0.3147, 0.2699



56.3608, 0.4054, 0.3696



56.3608, 0.3054, 0.4001



56.3608, 0.2278, 0.2786

Rectangle

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



56.3608, 0.3147, 0.2699



56.3608, 0.3866, 0.3204



56.3608, 0.3054, 0.4001



56.3608, 0.2431, 0.3314

Sweetspot

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



56.3633, 0.3147, 0.2699



89.0765, 0.3133, 0.3118



49.1657, 0.2724, 0.2644



18.8748, 0.3134, 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.



56.3633, 0.3147, 0.2699



62.3604, 0.3150, 0.2589



55.1211, 0.3364, 0.2966



15.2997, 0.3135, 0.3058



12.7918, 0.3166, 0.1518



1.0087, 0.3172, 0.1521

Inverse Universe

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



53.8108, 0.3612, 0.3281



58.8711, 0.3734, 0.3279



74.1379, 0.2944, 0.3639



15.0583, 0.3290, 0.3286



9.8367, 0.6382, 0.3289



0.7739, 0.6331, 0.3261

Previews

White Background



This preview shows how the Yxy color 56.3608, 0.3147, 0.2699 looks on a white background.

Color Contrast Check

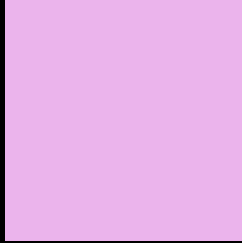
Large Text (above 18pt) WCAG AA × Fail

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 56.3608, 0.3147, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

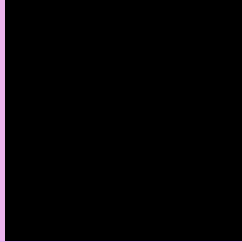
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3608, 0.3147, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 56.3608, 0.3147, 0.2699.



This preview shows how white text looks on a background with the Yxy color 56.3608, 0.3147, 0.2699.

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

56.3608, 0.3147, 0.2699

Protanopia

56.6344, 0.2712, 0.2705

Deuteranopia

56.3025, 0.2897, 0.2832



Tritanopia

56.1579, 0.3378, 0.3124

Trichromacy



Original Color

56.3608, 0.3147, 0.2699



Protanomaly

56.1353, 0.2859, 0.2697



Deuteranomaly

56.0531, 0.2987, 0.2777



Tritanomaly

56.2918, 0.3292, 0.2962

Monochromacy



Original Color

56.3608, 0.3147, 0.2699



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.3836, 0.3138, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3608, 0.3147, 0.2699 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(235, 180, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 180, 236)  
}
```

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(235, 180, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 180, 236) }
```

Border

The CSS property to change the border of an element to Yxy 56.3608, 0.3147, 0.2699 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(235, 180, 236) }
```

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

```
.border{ border-color:rgb(235, 180, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 180, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 180, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 180, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 180,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3608, 0.3147, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 180, 236) }
```

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

```
.background{ background-color: rgb(235,  
180, 236) }
```

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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