

Converting Colors

Yxy(56.4557, 0.3189, 0.2764)

Have a look what the booklet for
Yxy(56.4557, 0.3189, 0.2764)
contains.

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Color

Yxy(56.4231, 0.3192, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	EBB5E6
RGB	235, 181, 230
RGB Percent	92%, 71%, 90%
CMY	0.0785, 0.2902, 0.0979
CMYK	0.00, 0.23, 0.02, 0.08
HSL	305°, 57%, 82%
HSV	305°, 23%, 92%
XYZ	65.0659, 56.4231, 82.3516
YIQ	202.7320, 16.4550, 26.6870

Conversions

Conversions Part 2

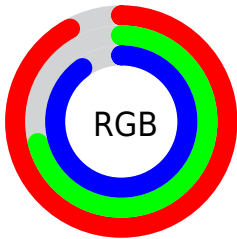
Format	Color
R _Y B	235, 181, 230
Decimal	15447526
CIE Lab	79.85, 27.50, -16.96
CIE LCh	80, 32.308, 328.343
Yxy	56.4231, 0.3192, 0.2768
Android (android.graphics.Color)	4293637606 (0xFFEBB5E6)
YUV	202.7320, 13.4431, 28.2990
Hunter-Lab	75.1153, 23.1674, -12.4211

Details

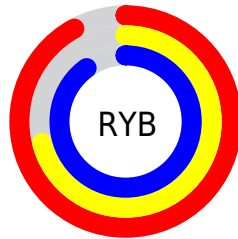
The Yxy color **56.4231, 0.3192, 0.2768** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.7715, 0.3068, 0.3874**, and the grayscale version is **59.4521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **28.0780, 0.3212, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **47.5413, 0.3225, 0.2539**, and if you desaturate by 10%, it is **66.9229, 0.3162, 0.2999**.

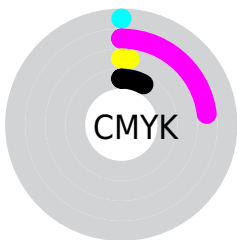
Distribution



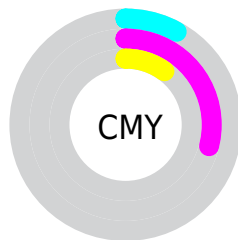
- Red (92%)
- Green (71%)
- Blue (90%)



- Red (92%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4231, 0.3192, 0.2768 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 56.4231, 0.3192, 0.2768 by changing the saturation by 10% instead.


 56.4231, 0.3192,
0.2768

 56.4231, 0.3192,
0.2768

411.2840, 0.3165,
0.3010

 40.5422, 0.3197,
0.2713


 99.6229, 0.3183,
0.2852

 27.9616, 0.3203,
0.2645


127.7107, 0.3180,
0.2884

 18.2967, 0.3210,
0.2559


160.6362, 0.3177,
0.2912

 11.1632, 0.3218,
0.2447

198.7839, 0.3174,
0.2937

 6.1767, 0.3226,
0.2296

242.5381, 0.3171,
0.2958

 2.9528, 0.3232,
0.2080

292.2833, 0.3169,

 1.1072, 0.3228,

0.2977

0.1753

348.4038, 0.3167,
0.2994

0.0000, 0.3568,
0.0000

0.0000, 0.0000,
0.0000

56.4231, 0.3192,
0.2768

56.4231, 0.3192,
0.2768

47.5413, 0.3225,
0.2539

66.9229, 0.3162,
0.2999

40.1892, 0.3260,
0.2320

79.1083, 0.3135,
0.3225

34.2815, 0.3297,
0.2121

93.0523, 0.3111,
0.3441

29.7216, 0.3334,
0.1952

95.3890, 0.3097,
0.3453

■ 26.4009, 0.3371,
0.1821

■ 95.5166, 0.3085,
0.3432

■ 24.1943, 0.3405,
0.1732

■ 95.6457, 0.3073,
0.3410

■ 22.9502, 0.3437,
0.1689

■ 95.7764, 0.3060,
0.3388

■ 22.4864, 0.3458,
0.1678

■ 95.9086, 0.3048,
0.3367

■ 96.0423, 0.3036,
0.3345

Harmonies

Analogous

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



56.4231, 0.2780, 0.2622



56.4231, 0.3192, 0.2768



56.4231, 0.3611, 0.3032

Triad

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



56.4231, 0.3192, 0.2768



56.4231, 0.3791, 0.3962



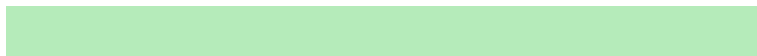
56.4231, 0.2407, 0.3136

Complementary

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



56.4231, 0.3192, 0.2768



72.7715, 0.3068, 0.3874

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.



56.4231, 0.2645, 0.3552



56.4231, 0.3192, 0.2768



56.4231, 0.3440, 0.4054

Square

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



56.4231, 0.3192, 0.2768



56.4231, 0.3967, 0.3700



56.4231, 0.3020, 0.3906



56.4231, 0.2350, 0.2804

Rectangle

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



56.4231, 0.3192, 0.2768



56.4231, 0.3828, 0.3249



56.4231, 0.3020, 0.3906



56.4231, 0.2467, 0.3272

Sweetspot

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



56.4256, 0.3192, 0.2768



89.0305, 0.3145, 0.3134



49.4264, 0.2770, 0.2651



18.8641, 0.3147, 0.3120



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.



56.4256, 0.3192, 0.2768



62.1813, 0.3209, 0.2649



55.0458, 0.3407, 0.3044



15.2886, 0.3152, 0.3079



12.5276, 0.3453, 0.1676



0.9907, 0.3415, 0.1655

Inverse Universe

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



56.4256, 0.3192, 0.2768



62.1813, 0.3209, 0.2649



74.0068, 0.2913, 0.3551



15.2886, 0.3152, 0.3079



12.5276, 0.3453, 0.1676



0.9907, 0.3415, 0.1655

Previews

White Background



This preview shows how the Yxy color 56.4231, 0.3192, 0.2768 looks on a white background.

Color Contrast Check

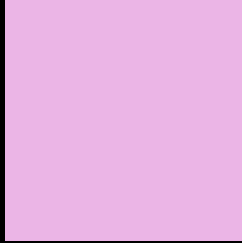
Large Text (above 18pt) WCAG AA × Fail

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 56.4231, 0.3192, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

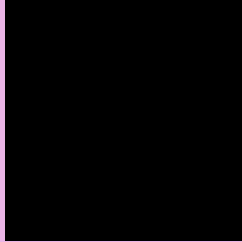
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4231, 0.3192, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 56.4231, 0.3192, 0.2768.



This preview shows how white text looks on a background with the Yxy color 56.4231, 0.3192, 0.2768.

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

56.4231, 0.3192, 0.2768

Protanopia

56.5899, 0.2775, 0.2782

Deuteranopia

56.4379, 0.2953, 0.2888



Tritanopia

56.3238, 0.3387, 0.3124

Trichromacy



Original Color

56.4231, 0.3192, 0.2768



Protanomaly

56.4395, 0.2920, 0.2783



Deuteranomaly

56.4994, 0.3038, 0.2843



Tritanomaly

56.1903, 0.3308, 0.2983

Monochromacy



Original Color

56.4231, 0.3192, 0.2768



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.2814, 0.3153, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4231, 0.3192, 0.2768 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, 181, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 230)  
}
```

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, 181, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 230) }
```

Border

The CSS property to change the border of an element to Yxy 56.4231, 0.3192, 0.2768 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, 181, 230) }
```

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

```
.border{ border-color:rgb(235, 181, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 181, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 181, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 181,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4231, 0.3192, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 230) }
```

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

```
.background{ background-color: rgb(235,  
181, 230) }
```

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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