

Converting Colors

$Yxy(56.4477, 0.3213, 0.2816)$

Have a look what the booklet for
Yxy(56.4477, 0.3213, 0.2816)
contains.

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Color

Yxy(56.4393, 0.3215, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	EAB6E2
RGB	234, 182, 226
RGB Percent	92%, 71%, 89%
CMY	0.0823, 0.2863, 0.1137
CMYK	0.00, 0.22, 0.03, 0.08
HSL	309°, 55%, 82%
HSV	309°, 22%, 92%
XYZ	64.3905, 56.4393, 79.4516
YIQ	202.5640, 16.8680, 24.7080

Conversions

Conversions Part 2

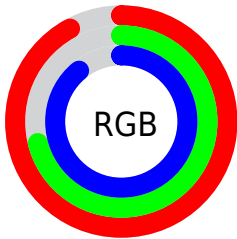
Format	Color
RYB	234, 182, 226
Decimal	15382242
CIELab	79.86, 25.93, -14.78
CIELCh	80, 29.846, 330.325
Yxy	56.4393, 0.3215, 0.2818
Android (android.graphics.Color)	4293572322 (0xFFEAB6E2)
YUV	202.5640, 11.5539, 27.5694
Hunter-Lab	75.1261, 21.5214, -10.1155

Details

The Yxy color **56.4393, 0.3215, 0.2818** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5176, 0.3050, 0.3813**, and the grayscale version is **59.3539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **28.1058, 0.3232, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **47.4484, 0.3263, 0.2602**, and if you desaturate by 10%, it is **67.0409, 0.3172, 0.3034**.

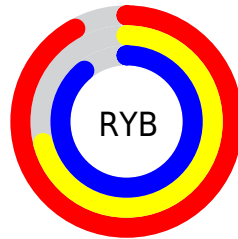
Distribution



Red (92%)

Green (71%)

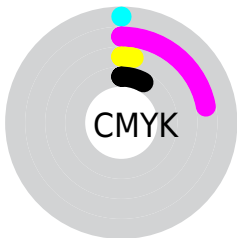
Blue (89%)



Red (92%)

Yellow (71%)

Blue (89%)

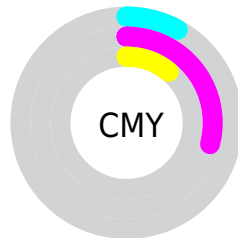


Cyan (0%)

Magenta (22%)

Yellow (3%)

Black (8%)



Cyan (8%)


Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4393, 0.3215, 0.2818 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 56.4393, 0.3215, 0.2818 by changing the saturation by 10% instead.


 56.4393, 0.3215,
0.2818

 56.4393, 0.3215,
0.2818


411.3450, 0.3176,
0.3037

 40.5552, 0.3223,
0.2768


 99.6466, 0.3202,
0.2894

 27.9717, 0.3233,
0.2706


127.7386, 0.3197,
0.2924

 18.3043, 0.3245,
0.2627


160.6688, 0.3192,
0.2949

 11.1687, 0.3260,
0.2524

198.8214, 0.3188,
0.2972

 6.1804, 0.3279,
0.2383

242.5809, 0.3185,
0.2991

 2.9551, 0.3302,
0.2181

292.3318, 0.3182,

 1.1083, 0.3327,

0.3008

0.1869

348.4583, 0.3179,
0.3024

0.0000, 0.3781,
0.0000

0.0000, 0.0000,
0.0000

56.4393, 0.3215,
0.2818

56.4393, 0.3215,
0.2818

47.4484, 0.3263,
0.2602

67.0409, 0.3172,
0.3034

39.9813, 0.3316,
0.2394

79.3198, 0.3135,
0.3244

33.9540, 0.3373,
0.2202

93.3479, 0.3102,
0.3445


29.2715, 0.3432,
0.2038


95.3314, 0.3081,
0.3436

 25.8274, 0.3492,
0.1910

 95.5484, 0.3061,
0.3399


 23.4994, 0.3551,
0.1826

 95.7696, 0.3040,
0.3363

 22.1396, 0.3607,
0.1788

 95.9952, 0.3020,
0.3327

 21.5704, 0.3649,
0.1784

 96.2250, 0.3000,
0.3291

 96.2350, 0.2999,
0.3290

Harmonies

Analogous

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



56.4393, 0.2830, 0.2674



56.4393, 0.3215, 0.2818



56.4393, 0.3597, 0.3070

Triad

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



56.4393, 0.3215, 0.2818



56.4393, 0.3725, 0.3924



56.4393, 0.2450, 0.3127

Complementary

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



56.4393, 0.3215, 0.2818



72.5176, 0.3050, 0.3813

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.



56.4393, 0.2662, 0.3507



56.4393, 0.3215, 0.2818



56.4393, 0.3394, 0.3992

Square

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



56.4393, 0.3215, 0.2818



56.4393, 0.3899, 0.3692



56.4393, 0.3004, 0.3839



56.4393, 0.2408, 0.2826

Rectangle

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



56.4393, 0.3215, 0.2818



56.4393, 0.3789, 0.3275



56.4393, 0.3004, 0.3839



56.4393, 0.2503, 0.3250

Sweetspot

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



56.4418, 0.3215, 0.2818



88.9594, 0.3152, 0.3144



50.3188, 0.2809, 0.2678



18.8476, 0.3154, 0.3132



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.



56.4418, 0.3215, 0.2818



62.9966, 0.3238, 0.2712



55.1305, 0.3425, 0.3090



15.2716, 0.3161, 0.3093



12.1349, 0.3641, 0.1779



0.9637, 0.3571, 0.1741

Inverse Universe

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



56.4418, 0.3215, 0.2818



62.9966, 0.3238, 0.2712



73.7474, 0.2899, 0.3500



15.2716, 0.3161, 0.3093



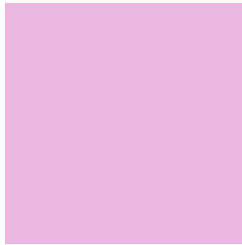
12.1349, 0.3641, 0.1779



0.9637, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 56.4393, 0.3215, 0.2818 looks on a white background.

Color Contrast Check

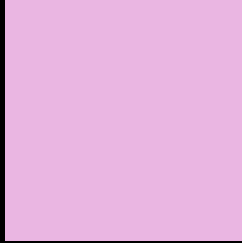
Large Text (above 18pt) WCAG AA × Fail

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 56.4393, 0.3215, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

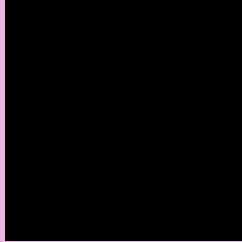
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4393, 0.3215, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 56.4393, 0.3215, 0.2818.



This preview shows how white text looks on a background with the Yxy color 56.4393, 0.3215, 0.2818.

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

56.4393, 0.3215, 0.2818

Protanopia

56.9358, 0.2808, 0.2838

Deuteranopia

56.5009, 0.2996, 0.2934



Tritanopia

56.3238, 0.3387, 0.3124

Trichromacy



Original Color

56.4393, 0.3215, 0.2818

Protanomaly

56.6473, 0.2948, 0.2837

Deuteranomaly

56.4304, 0.3075, 0.2887

Tritanomaly

56.5069, 0.3323, 0.3016

Monochromacy



Original Color

56.4393, 0.3215, 0.2818

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.0295, 0.3159, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4393, 0.3215, 0.2818 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(234, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(234, 182, 226)  
}
```

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(234, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 182, 226) }
```

Border

The CSS property to change the border of an element to Yxy 56.4393, 0.3215, 0.2818 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(234, 182, 226) }
```

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

```
.border{ border-color:rgb(234, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 182,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4393, 0.3215, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 182, 226) }
```

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

```
.background{ background-color: rgb(234,  
182, 226) }
```

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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