

Converting Colors

$Y_{xy}(44.8634, 0.3552, 0.2904)$

Have a look what the booklet for
Yxy(44.8634, 0.3552, 0.2904)
contains.

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Color

Yxy(44.8183, 0.3556, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	E99CBE
RGB	233, 156, 190
RGB Percent	91%, 61%, 75%
CMY	0.0862, 0.3882, 0.2550
CMYK	0.00, 0.33, 0.18, 0.09
HSL	334°, 64%, 76%
HSV	334°, 33%, 91%
XYZ	54.7865, 44.8183, 54.4629
YIQ	182.8990, 34.9780, 26.8980

Conversions

Conversions Part 2

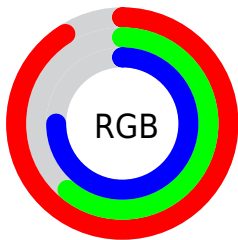
Format	Color
R _Y B	233, 156, 190
Decimal	15310014
CIE Lab	72.77, 33.48, -5.71
CIE LCh	73, 33.961, 350.328
Yxy	44.8183, 0.3556, 0.2909
Android (android.graphics.Color)	4293500094 (0xFFE99CBE)
YUV	182.8990, 3.5008, 43.9386
Hunter-Lab	66.9465, 28.9214, -1.3716

Details

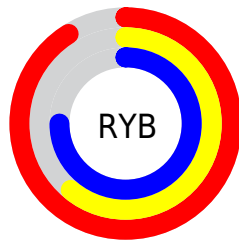
The Yxy color **44.8183, 0.3556, 0.2909** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.4763, 0.2838, 0.3709**, and the grayscale version is **47.2626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5024, 0.3209, 0.2945**, and **20.9369, 0.3670, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **37.1917, 0.3745, 0.2792**, and if you desaturate by 10%, it is **53.9998, 0.3397, 0.3029**.

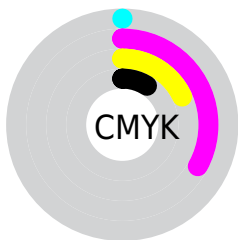
Distribution



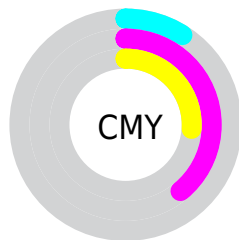
- Red (91%)
- Green (61%)
- Blue (75%)



- Red (91%)
- Yellow (61%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8183, 0.3556, 0.2909 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 44.8183, 0.3556, 0.2909 by changing the saturation by 10% instead.

 44.8183, 0.3556,
0.2909


 44.8183, 0.3556,
0.2909


366.0372, 0.3343,
0.3096

 31.3143, 0.3609,
0.2864


 82.4477, 0.3479,
0.2976

 20.8383, 0.3676,
0.2806


 107.3419, 0.3450,
0.3001

 13.0059, 0.3766,
0.2730


136.8016, 0.3425,
0.3023

 7.4326, 0.3890,
0.2627

171.2113, 0.3404,
0.3042

 3.7341, 0.4073,
0.2478

210.9553, 0.3386,
0.3058

 1.5259, 0.4369,
0.2244

256.4180, 0.3370,

 0.3069, 0.5226,

0.3072

0.1409

307.9838, 0.3355,
0.3085

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8183, 0.3556,
0.2909

44.8183, 0.3556,
0.2909

37.1917, 0.3745,
0.2792

53.9998, 0.3397,
0.3029

31.0265, 0.3966,
0.2686

64.8104, 0.3265,
0.3146

26.2284, 0.4218,
0.2602

77.3271, 0.3156,
0.3257

22.6898, 0.4493,
0.2552

91.6201, 0.3067,
0.3362

■ 20.2864, 0.4779,
0.2549

■ 96.0650, 0.2993,
0.3290

■ 18.8679, 0.5059,
0.2600

■ 18.3000, 0.5243,
0.2662

Harmonies

Analogous

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



44.8183, 0.3067, 0.2646



44.8183, 0.3556, 0.2909



44.8183, 0.3943, 0.3264

Triad

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



44.8183, 0.3556, 0.2909



44.8183, 0.3596, 0.4156



44.8183, 0.2251, 0.2821

Complementary

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



44.8183, 0.3556, 0.2909



69.4763, 0.2838, 0.3709

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.



44.8183, 0.2368, 0.3233



44.8183, 0.3556, 0.2909



44.8183, 0.3128, 0.4070

Square

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



44.8183, 0.3556, 0.2909



44.8183, 0.3954, 0.3980



44.8183, 0.2681, 0.3712



44.8183, 0.2342, 0.2578

Rectangle

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



44.8183, 0.3556, 0.2909



44.8183, 0.4072, 0.3520



44.8183, 0.2681, 0.3712



44.8183, 0.2266, 0.2942

Sweetspot

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



44.8204, 0.3556, 0.2909



83.9116, 0.3230, 0.3180



41.7168, 0.2869, 0.2395



17.5137, 0.3246, 0.3164



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.



44.8204, 0.3556, 0.2909



48.1195, 0.3688, 0.2825



44.8171, 0.3883, 0.3336



15.1645, 0.3224, 0.3187



10.4070, 0.5205, 0.2641



0.8363, 0.4860, 0.2451

Inverse Universe

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



44.8204, 0.3556, 0.2909



48.1195, 0.3688, 0.2825



69.0783, 0.2652, 0.3243



15.1645, 0.3224, 0.3187



10.4070, 0.5205, 0.2641



0.8363, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 44.8183, 0.3556, 0.2909 looks on a white background.

Color Contrast Check

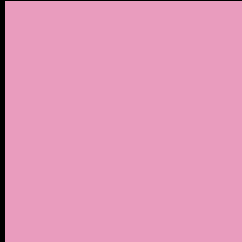
Large Text (above 18pt) WCAG AA × Fail

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 44.8183, 0.3556, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

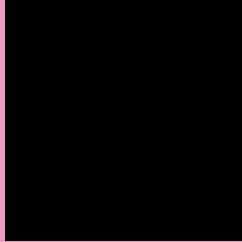
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8183, 0.3556, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 44.8183, 0.3556, 0.2909.



This preview shows how white text looks on a background with the Yxy color 44.8183, 0.3556, 0.2909.

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

44.8183, 0.3556, 0.2909

Protanopia

45.2665, 0.2909, 0.2967

Deuteranopia

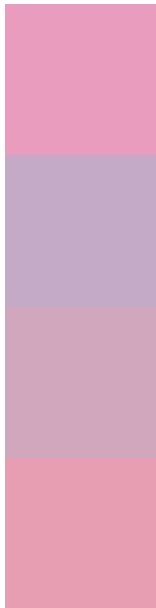
45.1974, 0.3188, 0.3126



Tritanopia

44.7255, 0.3716, 0.3154

Trichromacy



Original Color

44.8183, 0.3556, 0.2909

Protanomaly

44.5624, 0.3126, 0.2943

Deuteranomaly

44.6782, 0.3322, 0.3035

Tritanomaly

44.8239, 0.3659, 0.3064

Monochromacy



Original Color

44.8183, 0.3556, 0.2909

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.8498, 0.3269, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8183, 0.3556, 0.2909 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(233, 156, 190)` looks like.

```
.text, #text, p{  
    color:rgb(233, 156, 190)  
}
```

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(233, 156, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 156, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.8183, 0.3556, 0.2909 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(233, 156, 190) }
```

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

```
.border{ border-color:rgb(233, 156, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 156, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 156, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 156, 190);  
box-shadow:4px 4px 4px 4px rgb(233, 156,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8183, 0.3556, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 156, 190) }
```

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

```
.background{ background-color: rgb(233,  
156, 190) }
```

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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