

Converting Colors

$Y_{xy}(43.8290, 0.3615, 0.2858)$

Have a look what the booklet for
Yxy(43.8290, 0.3615, 0.2858)
contains.

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Color

Yxy(44.0281, 0.3613, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	EE97BE
RGB	238, 151, 190
RGB Percent	93%, 59%, 75%
CMY	0.0667, 0.4078, 0.2548
CMYK	0.00, 0.37, 0.20, 0.07
HSL	333°, 72%, 76%
HSV	333°, 37%, 93%
XYZ	55.6201, 44.0281, 54.2962
YIQ	181.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

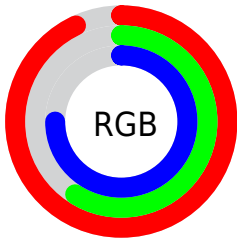
Format	Color
R _Y B	238, 151, 190
Decimal	15636414
CIE Lab	72.25, 37.84, -6.45
CIE LCh	72, 38.386, 350.329
Yxy	44.0281, 0.3613, 0.2860
Android (android.graphics.Color)	4293826494 (0xFFEE97BE)
YUV	181.4590, 4.2107, 49.5865
Hunter-Lab	66.3537, 33.5064, -2.0685

Details

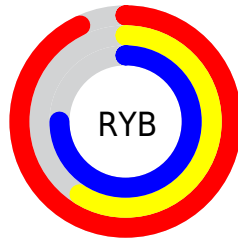
The Yxy color **44.0281, 0.3613, 0.2860** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.8452, 0.2815, 0.3771**, and the grayscale version is **46.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0564, 0.3212, 0.2895**, and **20.2448, 0.3741, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **36.5787, 0.3811, 0.2744**, and if you desaturate by 10%, it is **53.0794, 0.3446, 0.2981**.

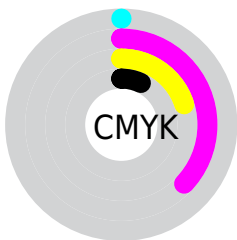
Distribution



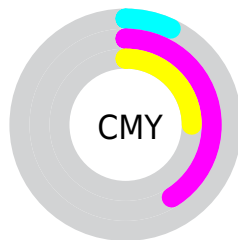
- Red (93%)
- Green (59%)
- Blue (75%)



- Red (93%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0281, 0.3613, 0.2860 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 44.0281, 0.3613, 0.2860 by changing the saturation by 10% instead.


 44.0281, 0.3613,
0.2860

 44.0281, 0.3613,
0.2860


362.8229, 0.3371,
0.3071

 30.6926, 0.3673,
0.2809


 81.2600, 0.3525,
0.2935

 20.3649, 0.3750,
0.2744


 105.9252, 0.3493,
0.2964

 12.6606, 0.3851,
0.2659


135.1358, 0.3465,
0.2988

 7.1952, 0.3992,
0.2543

169.2761, 0.3441,
0.3009

 3.5845, 0.4199,
0.2377

208.7306, 0.3420,
0.3028

 1.4440, 0.4534,
0.2118

253.8837, 0.3402,

 0.2488, 0.5533,

0.3044

0.1145

305.1196, 0.3386,
0.3058

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.0281, 0.3613,
0.2860

44.0281, 0.3613,
0.2860

36.5787, 0.3811,
0.2744

53.0794, 0.3446,
0.2981

30.6301, 0.4040,
0.2642

63.8133, 0.3306,
0.3102

26.0791, 0.4297,
0.2567

76.3128, 0.3191,
0.3218

22.8070, 0.4573,
0.2531

90.6534, 0.3097,
0.3327

■ 20.6747, 0.4855,
0.2545

■ 96.9153, 0.3023,
0.3290

■ 19.5076, 0.5124,
0.2615

■ 19.2317, 0.5214,
0.2646

Harmonies

Analogous

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



44.0281, 0.3055, 0.2568



44.0281, 0.3613, 0.2860



44.0281, 0.4056, 0.3254

Triad

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



44.0281, 0.3613, 0.2860



44.0281, 0.3652, 0.4276



44.0281, 0.2143, 0.2753

Complementary

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



44.0281, 0.3613, 0.2860



71.8452, 0.2815, 0.3771

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.



44.0281, 0.2271, 0.3219



44.0281, 0.3613, 0.2860



44.0281, 0.3122, 0.4186

Square

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



44.0281, 0.3613, 0.2860



44.0281, 0.4061, 0.4063



44.0281, 0.2619, 0.3773



44.0281, 0.2244, 0.2486

Rectangle

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



44.0281, 0.3613, 0.2860



44.0281, 0.4202, 0.3540



44.0281, 0.2619, 0.3773



44.0281, 0.2160, 0.2889

Sweetspot

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



44.0302, 0.3613, 0.2860



82.4343, 0.3240, 0.3167



40.4298, 0.2834, 0.2291



17.2196, 0.3256, 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.



44.0302, 0.3613, 0.2860



44.7010, 0.3761, 0.2771



43.9719, 0.3999, 0.3342



15.8767, 0.3223, 0.3185



10.7557, 0.5176, 0.2625



0.9145, 0.4852, 0.2446

Inverse Universe

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



44.0302, 0.3613, 0.2860



44.7010, 0.3761, 0.2771



71.3935, 0.2608, 0.3237



15.8767, 0.3223, 0.3185



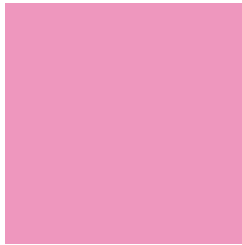
10.7557, 0.5176, 0.2625



0.9145, 0.4852, 0.2446

Previews

White Background



This preview shows how the Yxy color 44.0281, 0.3613, 0.2860 looks on a white background.

Color Contrast Check

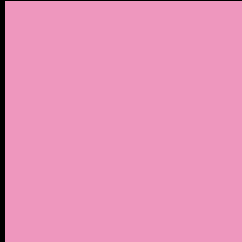
Large Text (above 18pt) WCAG AA × Fail

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 44.0281, 0.3613, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

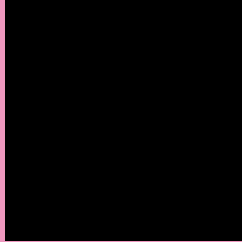
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0281, 0.3613, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 44.0281, 0.3613, 0.2860.



This preview shows how white text looks on a background with the Yxy color 44.0281, 0.3613, 0.2860.

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

44.0281, 0.3613, 0.2860

Protanopia

44.2776, 0.2862, 0.2902

Deuteranopia

44.1266, 0.3180, 0.3111



Tritanopia

43.8949, 0.3807, 0.3156

Trichromacy



Original Color

44.0281, 0.3613, 0.2860



Protanomaly

43.5433, 0.3111, 0.2881



Deuteranomaly

43.5487, 0.3335, 0.3010



Tritanomaly

44.0392, 0.3738, 0.3055

Monochromacy



Original Color

44.0281, 0.3613, 0.2860



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7667, 0.3299, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0281, 0.3613, 0.2860 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(238, 151, 190)` looks like.

```
.text, #text, p{  
    color:rgb(238, 151, 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(238, 151, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 151, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.0281, 0.3613, 0.2860 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(238, 151, 190) }
```

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

```
.border{ border-color:rgb(238, 151, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 151, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 151, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 151, 190);  
box-shadow:4px 4px 4px 4px rgb(238, 151,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0281, 0.3613, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 151, 190) }
```

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

```
.background{ background-color: rgb(238,  
151, 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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