

Converting Colors

Yxy(36.4533, 0.3607, 0.2588)

Have a look what the booklet for
Yxy(36.4533, 0.3607, 0.2588)
contains.

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Color

Yxy(36.4328, 0.3612, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	EA7FBF
RGB	234, 127, 191
RGB Percent	92%, 50%, 75%
CMY	0.0823, 0.5020, 0.2510
CMYK	0.00, 0.46, 0.18, 0.08
HSL	324°, 72%, 71%
HSV	324°, 46%, 92%
XYZ	50.9270, 36.4328, 53.6340
YIQ	166.2890, 43.2280, 42.5880

Conversions

Conversions Part 2

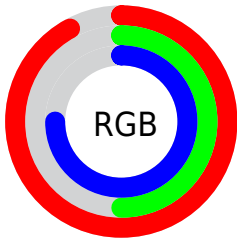
Format	Color
R _Y B	234, 127, 191
Decimal	15368127
CIE Lab	66.85, 49.00, -15.11
CIE LCh	67, 51.274, 342.863
Yxy	36.4328, 0.3612, 0.2584
Android (android.graphics.Color)	4293558207 (0xFFEA7FBF)
YUV	166.2890, 12.1825, 59.3825
Hunter-Lab	60.3596, 44.9758, -10.4319

Details

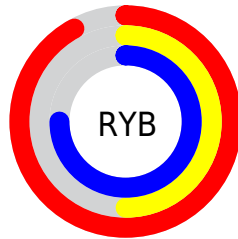
The Yxy color **36.4328, 0.3612, 0.2584** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.2671, 0.2837, 0.4138**, and the grayscale version is **38.2054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4313, 0.3221, 0.2647**, and **15.9626, 0.3738, 0.2393** is the 20% darker color. If you saturate the color by 10%, you get **30.6748, 0.3768, 0.2446**, and if you desaturate by 10%, it is **43.6244, 0.3474, 0.2737**.

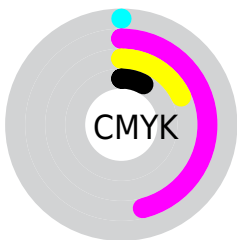
Distribution



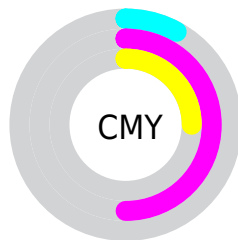
- Red (92%)
- Green (50%)
- Blue (75%)



- Red (92%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (46%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4328, 0.3612, 0.2584 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 36.4328, 0.3612, 0.2584 by changing the saturation by 10% instead.


 36.4328, 0.3612,
0.2584


 36.4328, 0.3612,
0.2584

330.8483, 0.3371,
0.2929


 24.7686, 0.3672,
0.2500


 69.6996, 0.3525,
0.2708

 15.9048, 0.3748,
0.2395


 92.0710, 0.3492,
0.2755

 9.4568, 0.3849,
0.2257


 118.7802, 0.3464,
0.2795

 5.0403, 0.3988,
0.2071

150.2117, 0.3440,
0.2829

 2.2709, 0.4191,
0.1808

186.7499, 0.3419,
0.2859

 0.7583, 0.4516,
0.1404

228.7791, 0.3401,

 0.0000, 0.5611,

0.2885

0.0000

276.6838, 0.3385,
0.2909

0.0000, 0.0000,
0.0000

36.4328, 0.3612,
0.2584

36.4328, 0.3612,
0.2584

30.6748, 0.3768,
0.2446

43.6244, 0.3474,
0.2737

26.2462, 0.3940,
0.2335

52.3339, 0.3355,
0.2896

23.0367, 0.4124,
0.2263


62.6454, 0.3254,
0.3054

20.9161, 0.4312,
0.2240

74.6350, 0.3169,
0.3206

19.7236, 0.4496,
0.2269

88.3742, 0.3098,
0.3351

 19.3860, 0.4573,
0.2293

 95.7567, 0.3041,
0.3365

 96.2343, 0.2999,
0.3290

Harmonies

Analogous

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



36.4328, 0.2824, 0.2247



36.4328, 0.3612, 0.2584



36.4328, 0.4324, 0.3071

Triad

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



36.4328, 0.3612, 0.2584



36.4328, 0.3989, 0.4627



36.4328, 0.1802, 0.2647

Complementary

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



36.4328, 0.3612, 0.2584



66.2671, 0.2837, 0.4138

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.



36.4328, 0.2032, 0.3360



36.4328, 0.3612, 0.2584



36.4328, 0.3272, 0.4686

Square

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



36.4328, 0.3612, 0.2584



36.4328, 0.4513, 0.4193



36.4328, 0.2555, 0.4186



36.4328, 0.1867, 0.2236

Rectangle

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



36.4328, 0.3612, 0.2584



36.4328, 0.4603, 0.3441



36.4328, 0.2555, 0.4186



36.4328, 0.1845, 0.2854

Sweetspot

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



36.4345, 0.3612, 0.2584



78.4096, 0.3239, 0.3080



29.6444, 0.2596, 0.1974



16.1493, 0.3259, 0.3046



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.



36.4345, 0.3612, 0.2584



37.5704, 0.3760, 0.2452



34.4996, 0.4238, 0.3172



15.2053, 0.3199, 0.3150



10.9182, 0.4546, 0.2278



0.8763, 0.4310, 0.2148

Inverse Universe

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



36.4345, 0.3612, 0.2584



37.5704, 0.3760, 0.2452



68.7085, 0.2566, 0.3421



15.2053, 0.3199, 0.3150



10.9182, 0.4546, 0.2278



0.8763, 0.4310, 0.2148

Previews

White Background



This preview shows how the Yxy color 36.4328, 0.3612, 0.2584 looks on a white background.

Color Contrast Check

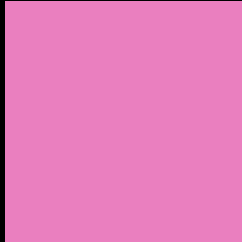
Large Text (above 18pt) WCAG AA × Fail

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 36.4328, 0.3612, 0.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

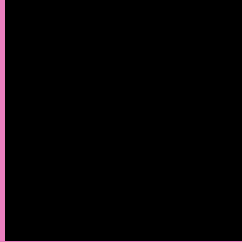
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4328, 0.3612, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 36.4328, 0.3612, 0.2584.



This preview shows how white text looks on a background with the Yxy color 36.4328, 0.3612, 0.2584.

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

36.4328, 0.3612, 0.2584

Protanopia

36.7856, 0.2605, 0.2562

Deuteranopia

36.6663, 0.2978, 0.2918



Tritanopia

36.3417, 0.4047, 0.3176

Trichromacy



Original Color

36.4328, 0.3612, 0.2584



Protanomaly

35.6544, 0.2918, 0.2556



Deuteranomaly

35.7047, 0.3191, 0.2762



Tritanomaly

36.3726, 0.3894, 0.2959

Monochromacy



Original Color

36.4328, 0.3612, 0.2584



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.6280, 0.3300, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4328, 0.3612, 0.2584 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, 127, 191)` looks like.

```
.text, #text, p{  
    color:rgb(234, 127, 191)  
}
```

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, 127, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 127, 191) }
```

Border

The CSS property to change the border of an element to Yxy 36.4328, 0.3612, 0.2584 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, 127, 191) }
```

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

```
.border{ border-color:rgb(234, 127, 191) }
```

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

Here you see how a box with a 4 pixel rgb(234, 127, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 127, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 127, 191);  
box-shadow:4px 4px 4px 4px rgb(234, 127,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4328, 0.3612, 0.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 127, 191) }
```

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

```
.background{ background-color: rgb(234,  
127, 191) }
```

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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