

Converting Colors

$Y_{xy}(36.1612, 0.3653, 0.2632)$

Have a look what the booklet for
Yxy(36.1612, 0.3653, 0.2632)
contains.

Yxy(36.0476, 0.3657, 0.2634)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0476, 0.3657, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	E97FBA
RGB	233, 127, 186
RGB Percent	91%, 50%, 73%
CMY	0.0864, 0.5019, 0.2707
CMYK	0.00, 0.45, 0.20, 0.09
HSL	327°, 71%, 71%
HSV	327°, 45%, 91%
XYZ	50.0479, 36.0476, 50.7595
YIQ	165.4200, 44.2370, 40.8210

Conversions

Conversions Part 2

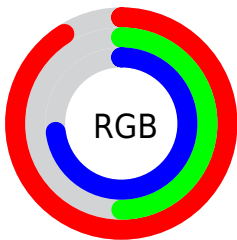
Format	Color
R _Y B	233, 127, 186
Decimal	15302586
CIE Lab	66.56, 47.91, -12.74
CIE LCh	67, 49.575, 345.110
Yxy	36.0476, 0.3657, 0.2634
Android (android.graphics.Color)	4293492666 (0xFFE97FBA)
YUV	165.4200, 10.1459, 59.2677
Hunter-Lab	60.0397, 43.7247, -8.0980

Details

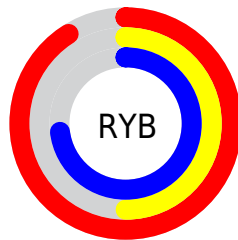
The Yxy color **36.0476, 0.3657, 0.2634** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.8344, 0.2815, 0.4071**, and the grayscale version is **37.7756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1267, 0.3259, 0.2693**, and **15.7050, 0.3806, 0.2454** is the 20% darker color. If you saturate the color by 10%, you get **30.2861, 0.3831, 0.2505**, and if you desaturate by 10%, it is **43.2356, 0.3504, 0.2777**.

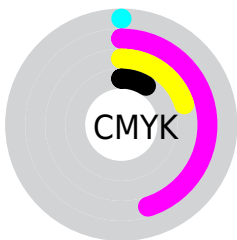
Distribution



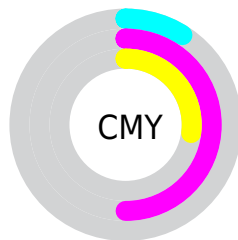
- Red (91%)
- Green (50%)
- Blue (73%)



- Red (91%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0476, 0.3657, 0.2634 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 36.0476, 0.3657, 0.2634 by changing the saturation by 10% instead.


 36.0476, 0.3657,
0.2634


 36.0476, 0.3657,
0.2634


329.1685, 0.3390,
0.2958

 24.4710, 0.3724,
0.2555


 69.1055, 0.3560,
0.2750

 15.6833, 0.3810,
0.2454


 91.3556, 0.3523,
0.2795

 9.3004, 0.3925,
0.2323


 117.9323, 0.3492,
0.2832

 4.9376, 0.4086,
0.2143

149.2200, 0.3466,
0.2864

 2.2107, 0.4324,
0.1885

185.6030, 0.3443,
0.2892

 0.7258, 0.4721,
0.1474

227.4659, 0.3423,

 0.0000, 0.6293,

0.2917

0.0000

275.1929, 0.3406,
0.2938

0.0000, 0.0000,
0.0000

36.0476, 0.3657,
0.2634

36.0476, 0.3657,
0.2634

30.2861, 0.3831,
0.2505

43.2356, 0.3504,
0.2777

25.8479, 0.4025,
0.2402

51.9335, 0.3374,
0.2926

22.6245, 0.4233,
0.2337


62.2243, 0.3263,
0.3074


20.4871, 0.4447,
0.2321

74.1835, 0.3171,
0.3216

19.2778, 0.4656,
0.2360

87.8817, 0.3094,
0.3350

 18.9208, 0.4749,
0.2390

 95.6157, 0.3032,
0.3359

 96.0593, 0.2993,
0.3290

Harmonies

Analogous

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



36.0476, 0.2887, 0.2290



36.0476, 0.3657, 0.2634



36.0476, 0.4329, 0.3119

Triad

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



36.0476, 0.3657, 0.2634



36.0476, 0.3922, 0.4610



36.0476, 0.1830, 0.2627

Complementary

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



36.0476, 0.3657, 0.2634



65.8344, 0.2815, 0.4071

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.



36.0476, 0.2034, 0.3301



36.0476, 0.3657, 0.2634



36.0476, 0.3217, 0.4623

Square

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



36.0476, 0.3657, 0.2634



36.0476, 0.4449, 0.4212



36.0476, 0.2527, 0.4102



36.0476, 0.1914, 0.2246

Rectangle

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



36.0476, 0.3657, 0.2634



36.0476, 0.4577, 0.3483



36.0476, 0.2527, 0.4102



36.0476, 0.1865, 0.2822

Sweetspot

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



36.0493, 0.3657, 0.2634



78.3213, 0.3249, 0.3094



29.9449, 0.2630, 0.1993



16.1278, 0.3271, 0.3062



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.



36.0493, 0.3657, 0.2634



37.3051, 0.3828, 0.2508



34.2290, 0.4271, 0.3213



15.1944, 0.3206, 0.3160



10.7641, 0.4719, 0.2373



0.8646, 0.4452, 0.2226

Inverse Universe

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



36.0493, 0.3657, 0.2634



37.3051, 0.3828, 0.2508



68.2634, 0.2552, 0.3376



15.1944, 0.3206, 0.3160



10.7641, 0.4719, 0.2373



0.8646, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 36.0476, 0.3657, 0.2634 looks on a white background.

Color Contrast Check

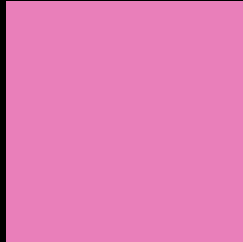
Large Text (above 18pt) WCAG AA × Fail

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 36.0476, 0.3657, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

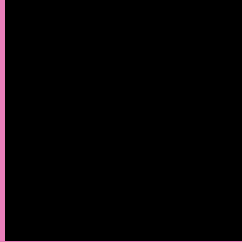
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0476, 0.3657, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 36.0476, 0.3657, 0.2634.



This preview shows how white text looks on a background with the Yxy color 36.0476, 0.3657, 0.2634.

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

36.0476, 0.3657, 0.2634

Protanopia

36.5772, 0.2653, 0.2634

Deuteranopia

36.3360, 0.3038, 0.2972



Tritanopia

36.0303, 0.4063, 0.3176

Trichromacy



Original Color

36.0476, 0.3657, 0.2634



Protanomaly

35.4152, 0.2960, 0.2614



Deuteranomaly

35.6238, 0.3249, 0.2825



Tritanomaly

35.8636, 0.3910, 0.2969

Monochromacy



Original Color

36.0476, 0.3657, 0.2634



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.0975, 0.3311, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0476, 0.3657, 0.2634 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, 127, 186)` looks like.

```
.text, #text, p{  
    color:rgb(233, 127, 186)  
}
```

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, 127, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 127, 186) }
```

Border

The CSS property to change the border of an element to Yxy 36.0476, 0.3657, 0.2634 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, 127, 186) }
```

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

```
.border{ border-color:rgb(233, 127, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 127, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 127, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 127, 186);  
box-shadow:4px 4px 4px 4px rgb(233, 127,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0476, 0.3657, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 127, 186) }
```

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

```
.background{ background-color: rgb(233,  
127, 186) }
```

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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