

Converting Colors

$Yxy(37.6736, 0.3644, 0.2767)$

Have a look what the booklet for
Yxy(37.6736, 0.3644, 0.2767)
contains.

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Color

Yxy(37.6437, 0.3641, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	E588B6
RGB	229, 136, 182
RGB Percent	90%, 53%, 71%
CMY	0.1021, 0.4666, 0.2864
CMYK	0.00, 0.41, 0.21, 0.10
HSL	330°, 64%, 72%
HSV	330°, 41%, 90%
XYZ	49.5520, 37.6437, 48.8987
YIQ	169.0510, 40.6620, 34.0220

Conversions

Conversions Part 2

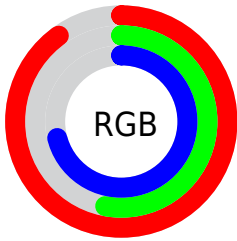
Format	Color
R _Y B	229, 136, 182
Decimal	15042742
CIE Lab	67.76, 41.40, -8.75
CIE LCh	68, 42.310, 348.065
Yxy	37.6437, 0.3641, 0.2766
Android (android.graphics.Color)	4293232822 (0xFFE588B6)
YUV	169.0510, 6.3839, 52.5753
Hunter-Lab	61.3545, 36.7924, -4.3052

Details

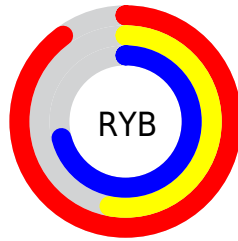
The Yxy color **37.6437, 0.3641, 0.2766** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.6786, 0.2810, 0.3891**, and the grayscale version is **39.6571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6947, 0.3283, 0.2820**, and **16.6963, 0.3799, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **31.4099, 0.3831, 0.2643**, and if you desaturate by 10%, it is **45.2983, 0.3478, 0.2898**.

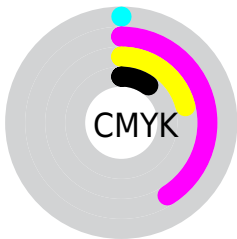
Distribution



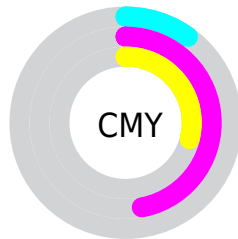
- Red (90%)
- Green (53%)
- Blue (71%)



- Red (90%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6437, 0.3641, 0.2766 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 37.6437, 0.3641, 0.2766 by changing the saturation by 10% instead.


 37.6437, 0.3641,
0.2766


 37.6437, 0.3641,
0.2766


336.0891, 0.3381,
0.3027

 25.7063, 0.3707,
0.2702


 71.5617, 0.3546,
0.2860

 16.6040, 0.3792,
0.2619


 94.3111, 0.3510,
0.2896

 9.9526, 0.3907,
0.2510


 121.4332, 0.3480,
0.2926

 5.3675, 0.4068,
0.2360

153.3125, 0.3454,
0.2952

 2.4645, 0.4312,
0.2141

190.3333, 0.3432,
0.2974

 0.8588, 0.4718,
0.1792

232.8801, 0.3413,

 0.0000, 0.6941,

0.2994


0.0000


281.3372, 0.3396,
0.3011


 0.0000, 0.0000,
0.0000


 37.6437, 0.3641,
0.2766


 37.6437, 0.3641,
0.2766


 31.4099, 0.3831,
0.2643


 45.2983, 0.3478,
0.2898


 26.5020, 0.4047,
0.2540

 54.4498, 0.3341,
0.3031


 22.8219, 0.4285,
0.2468

 65.1754, 0.3227,
0.3160

 20.2557, 0.4535,
0.2441

 77.5455, 0.3132,
0.3283

 18.6674, 0.4786,
0.2466

 91.6259, 0.3054,
0.3398

■ 17.8501, 0.5013,
0.2535

■ 95.1659, 0.2989,
0.3325

■ 95.3932, 0.2970,
0.3290

Harmonies

Analogous

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



37.6437, 0.2991, 0.2449



37.6437, 0.3641, 0.2766



37.6437, 0.4178, 0.3202

Triad

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



37.6437, 0.3641, 0.2766



37.6437, 0.3765, 0.4426



37.6437, 0.2005, 0.2694

Complementary

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



37.6437, 0.3641, 0.2766



64.6786, 0.2810, 0.3891

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.



37.6437, 0.2165, 0.3247



37.6437, 0.3641, 0.2766



37.6437, 0.3158, 0.4368

Square

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



37.6437, 0.3641, 0.2766



37.6437, 0.4226, 0.4138



37.6437, 0.2574, 0.3903



37.6437, 0.2101, 0.2380

Rectangle

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



37.6437, 0.3641, 0.2766



37.6437, 0.4365, 0.3524



37.6437, 0.2574, 0.3903



37.6437, 0.2030, 0.2855

Sweetspot

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



37.6455, 0.3641, 0.2766



81.0499, 0.3242, 0.3141



33.2771, 0.2752, 0.2162



16.9463, 0.3257, 0.3124



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.



37.6455, 0.3641, 0.2766



41.0367, 0.3804, 0.2659



36.0473, 0.4162, 0.3293



14.4862, 0.3215, 0.3174



10.2330, 0.4978, 0.2516



0.7749, 0.4650, 0.2335

Inverse Universe

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



37.6455, 0.3641, 0.2766



41.0367, 0.3804, 0.2659



66.9145, 0.2571, 0.3288



14.4862, 0.3215, 0.3174



10.2330, 0.4978, 0.2516



0.7749, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 37.6437, 0.3641, 0.2766 looks on a white background.

Color Contrast Check

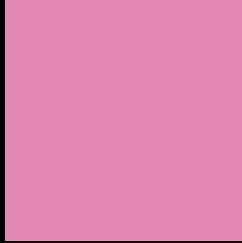
Large Text (above 18pt) WCAG AA × Fail

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 37.6437, 0.3641, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

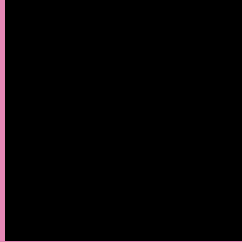
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6437, 0.3641, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 37.6437, 0.3641, 0.2766.



This preview shows how white text looks on a background with the Yxy color 37.6437, 0.3641, 0.2766.

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

37.6437, 0.3641, 0.2766

Protanopia

37.9902, 0.2784, 0.2798

Deuteranopia

37.9342, 0.3119, 0.3059



Tritanopia

37.7818, 0.3924, 0.3174

Trichromacy



Original Color

37.6437, 0.3641, 0.2766



Protanomaly

37.1518, 0.3066, 0.2782



Deuteranomaly

37.3132, 0.3301, 0.2942



Tritanomaly

37.7314, 0.3819, 0.3023

Monochromacy



Original Color

37.6437, 0.3641, 0.2766



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

38.2463, 0.3303, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6437, 0.3641, 0.2766 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(229, 136, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 136, 182)  
}
```

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(229, 136, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 136, 182) }
```

Border

The CSS property to change the border of an element to Yxy 37.6437, 0.3641, 0.2766 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(229, 136, 182) }
```

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

```
.border{ border-color:rgb(229, 136, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 136, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 136, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 136, 182);  
box-shadow:4px 4px 4px 4px rgb(229, 136,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6437, 0.3641, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 136, 182) }
```

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

```
.background{ background-color: rgb(229,  
136, 182) }
```

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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