

Converting Colors

Yxy(36.5174, 0.3827, 0.2945)

Have a look what the booklet for
Yxy(36.5174, 0.3827, 0.2945)
contains.

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Color

Yxy(36.5385, 0.3822, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	E487A5
RGB	228, 135, 165
RGB Percent	89%, 53%, 65%
CMY	0.1059, 0.4706, 0.3528
CMYK	0.00, 0.41, 0.28, 0.11
HSL	341°, 63%, 71%
HSV	341°, 41%, 89%
XYZ	47.4516, 36.5385, 40.1638
YIQ	166.2270, 45.7980, 29.0460

Conversions

Conversions Part 2

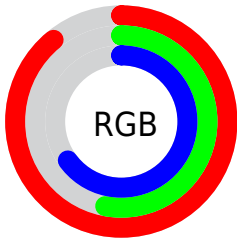
Format	Color
R _Y B	228, 135, 165
Decimal	14976933
CIE Lab	66.93, 39.20, -0.45
CIE LCh	67, 39.199, 359.337
Yxy	36.5385, 0.3822, 0.2943
Android (android.graphics.Color)	4293167013 (0xFFE487A5)
YUV	166.2270, -0.6049, 54.1749
Hunter-Lab	60.4471, 34.3421, 2.9180

Details

The Yxy color **36.5385, 0.3822, 0.2943** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.7116, 0.2723, 0.3677**, and the grayscale version is **38.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2542, 0.3424, 0.2985**, and **15.9248, 0.4039, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **30.3159, 0.4089, 0.2864**, and if you desaturate by 10%, it is **44.1947, 0.3597, 0.3030**.

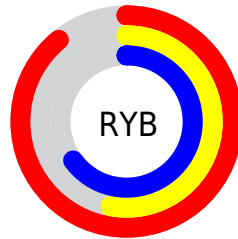
Distribution



Red (89%)

Green (53%)

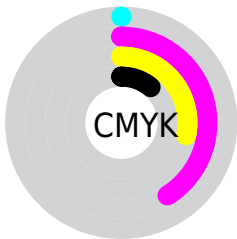
Blue (65%)



Red (89%)

Yellow (53%)

Blue (65%)

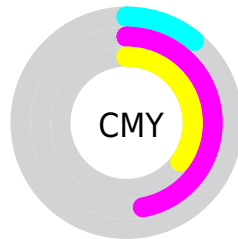


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5385, 0.3822, 0.2943 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 36.5385, 0.3822, 0.2943 by changing the saturation by 10% instead.


 36.5385, 0.3822,
0.2943


 36.5385, 0.3822,
0.2943


331.3081, 0.3461,
0.3123

 24.8504, 0.3916,
0.2896


 69.8624, 0.3688,
0.3010

 15.9656, 0.4040,
0.2835


 92.2670, 0.3638,
0.3034

 9.4998, 0.4208,
0.2751


 119.0125, 0.3597,
0.3055

 5.0686, 0.4451,
0.2631

150.4834, 0.3562,
0.3073

 2.2876, 0.4829,
0.2445

187.0640, 0.3531,
0.3088

 0.7671, 0.5503,
0.2111


229.1387, 0.3505,


 0.0000, 1.0000,


0.3101


0.0000


277.0920, 0.3482,
0.3113


 0.0000, 0.0000,
0.0000

 36.5385, 0.3822,
0.2943


 36.5385, 0.3822,
0.2943


 30.3159, 0.4089,
0.2864


 44.1947, 0.3597,
0.3030

 25.4313, 0.4398,
0.2802


 53.3614, 0.3412,
0.3118


 21.7861, 0.4739,
0.2769

 64.1163, 0.3260,
0.3203

 19.2652, 0.5095,
0.2777

 76.5304, 0.3136,
0.3284

 17.7319, 0.5436,
0.2834

 90.6701, 0.3035,
0.3359

■ 16.9826, 0.5713,
0.2921

■ 95.2333, 0.2964,
0.3290

Harmonies

Analogous

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



36.5385, 0.3229, 0.2592



36.5385, 0.3822, 0.2943



36.5385, 0.4228, 0.3383

Triad

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



36.5385, 0.3822, 0.2943



36.5385, 0.3524, 0.4376



36.5385, 0.2075, 0.2594

Complementary

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



36.5385, 0.3822, 0.2943



64.7116, 0.2723, 0.3677

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.



36.5385, 0.2136, 0.3037



36.5385, 0.3822, 0.2943



36.5385, 0.2943, 0.4168

Square

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



36.5385, 0.3822, 0.2943



36.5385, 0.4025, 0.4219



36.5385, 0.2440, 0.3637



36.5385, 0.2255, 0.2381

Rectangle

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



36.5385, 0.3822, 0.2943



36.5385, 0.4314, 0.3690



36.5385, 0.2440, 0.3637



36.5385, 0.2068, 0.2717

Sweetspot

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



36.5403, 0.3822, 0.2943



80.7433, 0.3278, 0.3193



34.8005, 0.2888, 0.2200



16.8744, 0.3296, 0.3182



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.



36.5403, 0.3822, 0.2943



40.1559, 0.4047, 0.2875



40.2163, 0.4091, 0.3474



14.4443, 0.3242, 0.3214



9.8261, 0.5673, 0.2899



0.7426, 0.5260, 0.2671

Inverse Universe

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



36.5403, 0.3822, 0.2943



40.1559, 0.4047, 0.2875



58.0885, 0.2537, 0.3092



14.4443, 0.3242, 0.3214



9.8261, 0.5673, 0.2899



0.7426, 0.5260, 0.2671

Previews

White Background



This preview shows how the Yxy color 36.5385, 0.3822, 0.2943 looks on a white background.

Color Contrast Check

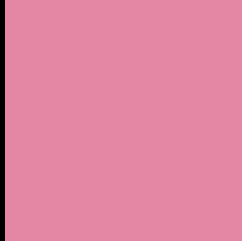
Large Text (above 18pt) WCAG AA × Fail

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 36.5385, 0.3822, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

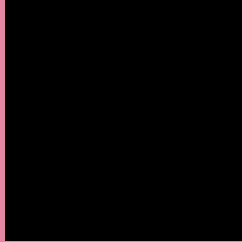
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5385, 0.3822, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 36.5385, 0.3822, 0.2943.



This preview shows how white text looks on a background with the Yxy color 36.5385, 0.3822, 0.2943.

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

36.5385, 0.3822, 0.2943

Protanopia

36.7539, 0.2956, 0.3022

Deuteranopia

36.7302, 0.3316, 0.3249



Tritanopia

36.4838, 0.3985, 0.3175

Trichromacy



Original Color

36.5385, 0.3822, 0.2943

Protanomaly

35.8659, 0.3241, 0.2982

Deuteranomaly

36.2916, 0.3493, 0.3134

Tritanomaly

36.5553, 0.3931, 0.3093

Monochromacy



Original Color

36.5385, 0.3822, 0.2943

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0147, 0.3363, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5385, 0.3822, 0.2943 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(228, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 135, 165)  
}
```

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(228, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 135, 165) }
```

Border

The CSS property to change the border of an element to Yxy 36.5385, 0.3822, 0.2943 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(228, 135, 165) }
```

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

```
.border{ border-color:rgb(228, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 135,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5385, 0.3822, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 135, 165) }
```

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

```
.background{ background-color: rgb(228,  
135, 165) }
```

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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