

Converting Colors

$Yxy(47.7145, 0.3385, 0.2899)$

Have a look what the booklet for
Yxy(47.7145, 0.3385, 0.2899)
contains.

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Color

Yxy(47.7735, 0.3390, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	E3A6C8
RGB	227, 166, 200
RGB Percent	89%, 65%, 78%
CMY	0.1097, 0.3491, 0.2157
CMYK	0.00, 0.27, 0.12, 0.11
HSL	327°, 52%, 77%
HSV	327°, 27%, 89%
XYZ	55.7495, 47.7735, 60.9297
YIQ	188.1150, 25.4420, 23.5060

Conversions

Conversions Part 2

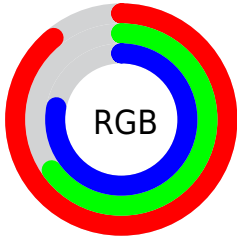
Format	Color
R _Y B	227, 166, 200
Decimal	14919368
CIE Lab	74.68, 27.67, -8.46
CIE LCh	75, 28.936, 342.994
Yxy	47.7735, 0.3390, 0.2905
Android (android.graphics.Color)	4293109448 (0xFFE3A6C8)
YUV	188.1150, 5.8593, 34.1021
Hunter-Lab	69.1184, 23.0173, -3.8829

Details

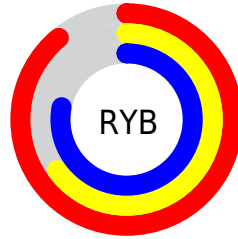
The Yxy color $47.7735, 0.3390, 0.2905$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $66.9162, 0.2929, 0.3711$, and the grayscale version is $50.3156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7226, 0.3142, 0.2970$, and $22.5435, 0.3464, 0.2800$ is the 20% darker color. If you saturate the color by 10%, you get $39.7832, 0.3523, 0.2757$, and if you desaturate by 10%, it is $57.2560, 0.3277, 0.3053$.

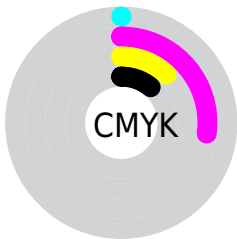
Distribution



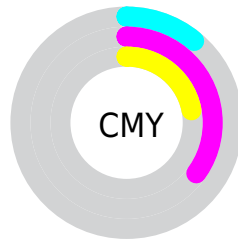
- Red (89%)
- Green (65%)
- Blue (78%)



- Red (89%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (11%)




- Cyan (11%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7735, 0.3390, 0.2905 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 47.7735, 0.3390, 0.2905 by changing the saturation by 10% instead.


 47.7735, 0.3390,
0.2905


 47.7735, 0.3390,
0.2905


377.8936, 0.3262,
0.3091

 33.6476, 0.3421,
0.2861


 86.8671, 0.3344,
0.2971

 22.6230, 0.3460,
0.2805


 112.6035, 0.3327,
0.2996

 14.3154, 0.3511,
0.2732


142.9788, 0.3312,
0.3018

 8.3403, 0.3581,
0.2634

178.3775, 0.3299,
0.3036

 4.3135, 0.3681,
0.2495

219.1840, 0.3288,
0.3053

 1.8504, 0.3837,
0.2283

265.7825, 0.3278,

 0.5183, 0.4180,

0.3067

0.1788

318.5576, 0.3270,
0.3079

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7735, 0.3390,
0.2905

47.7735, 0.3390,
0.2905

39.7832, 0.3523,
0.2757

57.2560, 0.3277,
0.3053

33.2013, 0.3678,
0.2615

68.2958, 0.3183,
0.3196

27.9459, 0.3855,
0.2488

80.9620, 0.3104,
0.3331

23.9236, 0.4050,
0.2390

94.1614, 0.3039,
0.3439

■ 21.0289, 0.4258,
0.2331

■ 94.7763, 0.2984,
0.3337

■ 19.1381, 0.4471,
0.2321

■ 95.0772, 0.2958,
0.3290

■ 18.0924, 0.4678,
0.2366

■ 17.8567, 0.4742,
0.2386

Harmonies

Analogous

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



47.7735, 0.2982, 0.2706



47.7735, 0.3390, 0.2905



47.7735, 0.3743, 0.3195

Triad

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



47.7735, 0.3390, 0.2905



47.7735, 0.3610, 0.3995



47.7735, 0.2394, 0.2977

Complementary

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



47.7735, 0.3390, 0.2905



66.9162, 0.2929, 0.3711

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.



47.7735, 0.2540, 0.3345



47.7735, 0.3390, 0.2905



47.7735, 0.3232, 0.3972

Square

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



47.7735, 0.3390, 0.2905



47.7735, 0.3868, 0.3816



47.7735, 0.2841, 0.3726



47.7735, 0.2428, 0.2728

Rectangle

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



47.7735, 0.3390, 0.2905



47.7735, 0.3886, 0.3412



47.7735, 0.2841, 0.3726



47.7735, 0.2423, 0.3090

Sweetspot

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



47.7757, 0.3390, 0.2905



87.0997, 0.3193, 0.3180



44.0807, 0.2869, 0.2562



18.1566, 0.3206, 0.3158



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.



47.7757, 0.3390, 0.2905



56.4083, 0.3458, 0.2826



46.5097, 0.3668, 0.3244



14.5018, 0.3206, 0.3160



10.4340, 0.4713, 0.2370



0.7897, 0.4433, 0.2216

Inverse Universe

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



47.7757, 0.3390, 0.2905



56.4083, 0.3458, 0.2826



68.3910, 0.2758, 0.3337



14.5018, 0.3206, 0.3160



10.4340, 0.4713, 0.2370



0.7897, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 47.7735, 0.3390, 0.2905 looks on a white background.

Color Contrast Check

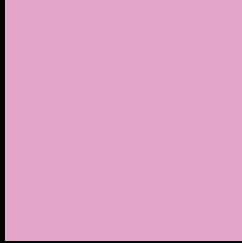
Large Text (above 18pt) WCAG AA × Fail

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 47.7735, 0.3390, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

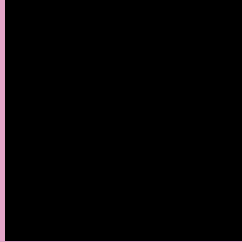
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7735, 0.3390, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 47.7735, 0.3390, 0.2905.



This preview shows how white text looks on a background with the Yxy color 47.7735, 0.3390, 0.2905.

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

47.7735, 0.3390, 0.2905

Protanopia

48.1538, 0.2885, 0.2939

Deuteranopia

48.0532, 0.3121, 0.3056



Tritanopia

47.7609, 0.3530, 0.3140

Trichromacy



Original Color

47.7735, 0.3390, 0.2905

Protanomaly

47.6850, 0.3051, 0.2925

Deuteranomaly

47.6610, 0.3211, 0.2991

Tritanomaly

47.8481, 0.3477, 0.3050

Monochromacy



Original Color

47.7735, 0.3390, 0.2905

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0048, 0.3220, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7735, 0.3390, 0.2905 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(227, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 200)  
}
```

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(227, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 200) }
```

Border

The CSS property to change the border of an element to Yxy 47.7735, 0.3390, 0.2905 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(227, 166, 200) }
```

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

```
.border{ border-color:rgb(227, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7735, 0.3390, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 200) }
```

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

```
.background{ background-color: rgb(227,  
166, 200) }
```

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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