

Converting Colors

$Y_{xy}(35.3980, 0.3466, 0.2472)$

Have a look what the booklet for
Yxy(35.3980, 0.3466, 0.2472)
contains.

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Color

Yxy(35.5392, 0.3466, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	E47EC7
RGB	228, 126, 199
RGB Percent	89%, 49%, 78%
CMY	0.1058, 0.5059, 0.2195
CMYK	0.00, 0.45, 0.13, 0.11
HSL	317°, 65%, 69%
HSV	317°, 45%, 89%
XYZ	49.7692, 35.5392, 58.2843
YIQ	164.8200, 37.3590, 44.3270

Conversions

Conversions Part 2

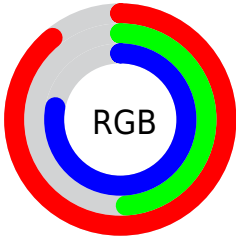
Format	Color
R _Y B	228, 126, 199
Decimal	14974663
CIE Lab	66.17, 48.84, -20.72
CIE LCh	66, 53.055, 337.007
Yxy	35.5392, 0.3466, 0.2475
Android (android.graphics.Color)	4293164743 (0xFFE47EC7)
YUV	164.8200, 16.8507, 55.4089
Hunter-Lab	59.6148, 44.6945, -16.2364

Details

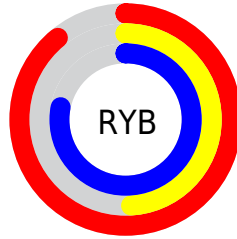
The Yxy color **35.5392, 0.3466, 0.2475** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.2941, 0.2908, 0.4286**, and the grayscale version is **37.4414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5277, 0.3161, 0.2565**, and **15.4673, 0.3559, 0.2266** is the 20% darker color. If you saturate the color by 10%, you get **30.0649, 0.3571, 0.2312**, and if you desaturate by 10%, it is **42.3583, 0.3371, 0.2655**.

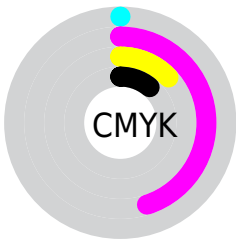
Distribution



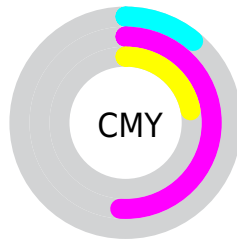
- Red (89%)
- Green (49%)
- Blue (78%)



- Red (89%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (45%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5392, 0.3466, 0.2475 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 35.5392, 0.3466, 0.2475 by changing the saturation by 10% instead.


 35.5392, 0.3466,
0.2475


 35.5392, 0.3466,
0.2475


326.9420, 0.3303,
0.2870


 24.0785, 0.3505,
0.2381


 68.3202, 0.3408,
0.2616

 15.3919, 0.3553,
0.2262


 90.4094, 0.3386,
0.2669

 9.0949, 0.3614,
0.2109


 116.8101, 0.3367,
0.2715

 4.8031, 0.3696,
0.1904

147.9069, 0.3351,
0.2755

 2.1322, 0.3808,
0.1620

184.0841, 0.3337,
0.2789

 0.6827, 0.3975,
0.1185

225.7261, 0.3324,

 0.0000, 0.4442,

0.2819

0.0000

273.2172, 0.3313,
0.2846

0.0000, 0.0000,
0.0000

35.5392, 0.3466,
0.2475

35.5392, 0.3466,
0.2475

30.0649, 0.3571,
0.2312

42.3583, 0.3371,
0.2655

25.8388, 0.3685,
0.2175

50.6002, 0.3288,
0.2841

22.7595, 0.3803,
0.2077


60.3429, 0.3215,
0.3027


20.7070, 0.3923,
0.2024

71.6572, 0.3153,
0.3207


19.5349, 0.4040,
0.2020

84.6093, 0.3101,
0.3379

 19.1483, 0.4101,
0.2033

 94.1827, 0.3058,
0.3463

 94.5702, 0.3022,
0.3397

 94.9716, 0.2987,
0.3331

 95.2358, 0.2964,
0.3290

Harmonies

Analogous

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



35.5392, 0.2666, 0.2165



35.5392, 0.3466, 0.2475



35.5392, 0.4253, 0.2953

Triad

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



35.5392, 0.3466, 0.2475



35.5392, 0.4146, 0.4610



35.5392, 0.1776, 0.2738

Complementary

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



35.5392, 0.3466, 0.2475



62.2941, 0.2908, 0.4286

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.



35.5392, 0.2071, 0.3532



35.5392, 0.3466, 0.2475



35.5392, 0.3424, 0.4783

Square

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



35.5392, 0.3466, 0.2475



35.5392, 0.4632, 0.4109



35.5392, 0.2663, 0.4374



35.5392, 0.1786, 0.2252

Rectangle

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



35.5392, 0.3466, 0.2475



35.5392, 0.4604, 0.3326



35.5392, 0.2663, 0.4374



35.5392, 0.1839, 0.2974

Sweetspot

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



35.5409, 0.3466, 0.2475



80.0510, 0.3204, 0.3057



27.4810, 0.2510, 0.1973



16.4846, 0.3219, 0.3017



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.



35.5409, 0.3466, 0.2475



39.0040, 0.3567, 0.2318



33.5574, 0.4054, 0.3036



14.5417, 0.3181, 0.3123



11.0770, 0.4084, 0.2024



0.8343, 0.3927, 0.1937

Inverse Universe

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



35.5409, 0.3466, 0.2475



39.0040, 0.3567, 0.2318



64.3799, 0.2636, 0.3574



14.5417, 0.3181, 0.3123



11.0770, 0.4084, 0.2024



0.8343, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 35.5392, 0.3466, 0.2475 looks on a white background.

Color Contrast Check

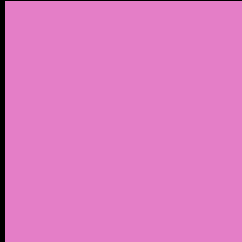
Large Text (above 18pt) WCAG AA × Fail

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 35.5392, 0.3466, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

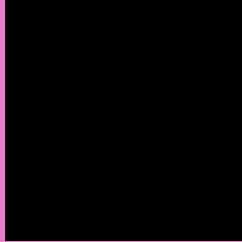
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5392, 0.3466, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 35.5392, 0.3466, 0.2475.



This preview shows how white text looks on a background with the Yxy color 35.5392, 0.3466, 0.2475.

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

35.5392, 0.3466, 0.2475

Protanopia

35.8748, 0.2499, 0.2432

Deuteranopia

35.8810, 0.2858, 0.2806



Tritanopia

35.5275, 0.3959, 0.3172

Trichromacy



Original Color

35.5392, 0.3466, 0.2475



Protanomaly

34.6067, 0.2791, 0.2427



Deuteranomaly

34.8122, 0.3060, 0.2654



Tritanomaly

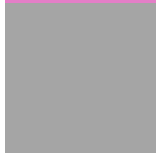
35.3755, 0.3776, 0.2903

Monochromacy



Original Color

35.5392, 0.3466, 0.2475



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

35.9989, 0.3252, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5392, 0.3466, 0.2475 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, 126, 199)` looks like.

```
.text, #text, p{  
    color:rgb(228, 126, 199)  
}
```

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, 126, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 126, 199) }
```

Border

The CSS property to change the border of an element to Yxy 35.5392, 0.3466, 0.2475 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, 126, 199) }
```

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

```
.border{ border-color:rgb(228, 126, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 126, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 126, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 126, 199); box-shadow:4px 4px 4px 4px rgb(228, 126, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5392, 0.3466, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 126, 199) }
```

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

```
.background{ background-color: rgb(228,  
126, 199) }
```

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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