

Converting Colors

Yxy(35.4598, 0.3610, 0.2535)

Have a look what the booklet for
Yxy(35.4598, 0.3610, 0.2535)
contains.

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Color

Yxy(35.4641, 0.3608, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	EA7BC0
RGB	234, 123, 192
RGB Percent	92%, 48%, 75%
CMY	0.0823, 0.5177, 0.2470
CMYK	0.00, 0.47, 0.18, 0.08
HSL	323°, 73%, 70%
HSV	323°, 47%, 92%
XYZ	50.5349, 35.4641, 54.0645
YIQ	164.0550, 44.0070, 44.9910

Conversions

Conversions Part 2

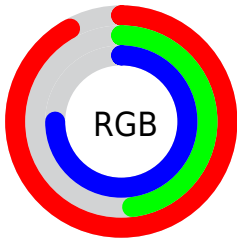
Format	Color
RYB	234, 123, 192
Decimal	15367104
CIELab	66.11, 51.15, -16.81
CIELCh	66, 53.837, 341.809
Yxy	35.4641, 0.3608, 0.2532
Android (android.graphics.Color)	4293557184 (0xFFEA7BC0)
YUV	164.0550, 13.7769, 61.3418
Hunter-Lab	59.5517, 47.2576, -12.1407

Details

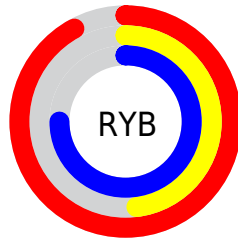
The Yxy color **35.4641, 0.3608, 0.2532** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **65.7812, 0.2843, 0.4214**, and the grayscale version is **37.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8781, 0.3216, 0.2598**, and **15.3213, 0.3750, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **29.9571, 0.3756, 0.2393**, and if you desaturate by 10%, it is **42.3855, 0.3476, 0.2688**.

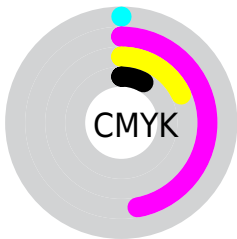
Distribution



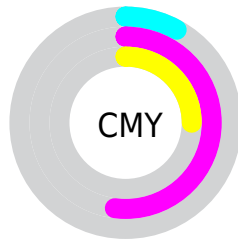
- Red (92%)
- Green (48%)
- Blue (75%)



- Red (92%)
- Yellow (48%)
- Blue (75%)



- Cyan (0%)
- Magenta (47%)
- Yellow (18%)
- Black (8%)




- Cyan (8%)
- Magenta (52%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4641, 0.3608, 0.2532 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 35.4641, 0.3608, 0.2532 by changing the saturation by 10% instead.


 35.4641, 0.3608,
0.2532


 35.4641, 0.3608,
0.2532


326.6121, 0.3369,
0.2902

 24.0206, 0.3667,
0.2443


 68.2041, 0.3522,
0.2664

 15.3489, 0.3742,
0.2330


 90.2694, 0.3489,
0.2715

 9.0646, 0.3840,
0.2183


 116.6441, 0.3462,
0.2758

 4.7834, 0.3975,
0.1986

147.7126, 0.3438,
0.2795

 2.1207, 0.4171,
0.1708

183.8592, 0.3418,
0.2827

 0.6762, 0.4489,
0.1271

225.4684, 0.3400,

 0.0000, 0.5431,

0.2855


0.0000


272.9246, 0.3384,
0.2880


 0.0000, 0.0000,
0.0000

 35.4641, 0.3608,
0.2532


 35.4641, 0.3608,
0.2532

 29.9571, 0.3756,
0.2393


 42.3855, 0.3476,
0.2688


 25.7586, 0.3918,
0.2283


 50.8072, 0.3361,
0.2852


 22.7558, 0.4089,
0.2214


 60.8142, 0.3263,
0.3017


 20.8143, 0.4263,
0.2194


 72.4836, 0.3180,
0.3176

 19.7559, 0.4432,
0.2226

 85.8874, 0.3111,
0.3328

 19.5552, 0.4475,
0.2239

 95.6157, 0.3054,
0.3388

 96.1697, 0.3005,
0.3300

 96.2352, 0.2999,
0.3290

Harmonies

Analogous

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



35.4641, 0.2778, 0.2187



35.4641, 0.3608, 0.2532



35.4641, 0.4374, 0.3035

Triad

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



35.4641, 0.3608, 0.2532



35.4641, 0.4051, 0.4686



35.4641, 0.1740, 0.2627

Complementary

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



35.4641, 0.3608, 0.2532



65.7812, 0.2843, 0.4214

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.



35.4641, 0.1987, 0.3391



35.4641, 0.3608, 0.2532



35.4641, 0.3299, 0.4784

Square

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



35.4641, 0.3608, 0.2532



35.4641, 0.4597, 0.4209



35.4641, 0.2543, 0.4273



35.4641, 0.1798, 0.2189

Rectangle

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



35.4641, 0.3608, 0.2532



35.4641, 0.4679, 0.3418



35.4641, 0.2543, 0.4273



35.4641, 0.1787, 0.2848

Sweetspot

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



35.4658, 0.3608, 0.2532



78.4604, 0.3233, 0.3071



27.9659, 0.2539, 0.1910



16.1617, 0.3252, 0.3036



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.



35.4658, 0.3608, 0.2532



36.5078, 0.3754, 0.2395



33.4880, 0.4257, 0.3127



15.2116, 0.3196, 0.3145



11.0125, 0.4449, 0.2225



0.8833, 0.4232, 0.2105

Inverse Universe

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



35.4658, 0.3608, 0.2532



36.5078, 0.3754, 0.2395



68.1909, 0.2568, 0.3474



15.2116, 0.3196, 0.3145



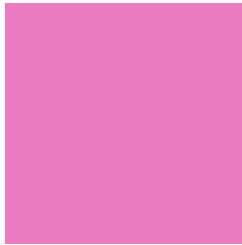
11.0125, 0.4449, 0.2225



0.8833, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 35.4641, 0.3608, 0.2532 looks on a white background.

Color Contrast Check

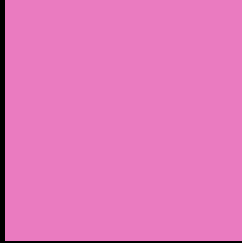
Large Text (above 18pt) WCAG AA × Fail

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 35.4641, 0.3608, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

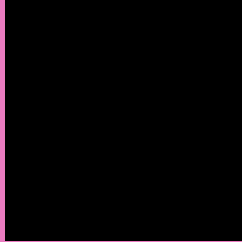
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4641, 0.3608, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 35.4641, 0.3608, 0.2532.



This preview shows how white text looks on a background with the Yxy color 35.4641, 0.3608, 0.2532.

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

35.4641, 0.3608, 0.2532

Protanopia

35.7875, 0.2545, 0.2491

Deuteranopia

35.6584, 0.2950, 0.2887



Tritanopia

35.4162, 0.4095, 0.3177

Trichromacy



Original Color

35.4641, 0.3608, 0.2532



Protanomaly

34.5083, 0.2866, 0.2477



Deuteranomaly

34.8288, 0.3173, 0.2733



Tritanomaly

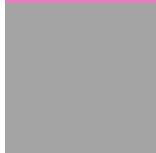
35.2626, 0.3919, 0.2925

Monochromacy



Original Color

35.4641, 0.3608, 0.2532



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.3697, 0.3294, 0.2959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4641, 0.3608, 0.2532 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(234, 123, 192)` looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 192)  
}
```

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(234, 123, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 192) }
```

Border

The CSS property to change the border of an element to Yxy 35.4641, 0.3608, 0.2532 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(234, 123, 192) }
```

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

```
.border{ border-color:rgb(234, 123, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 192);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4641, 0.3608, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 192) }
```

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

```
.background{ background-color: rgb(234,  
123, 192) }
```

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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