

Converting Colors

$Y_{xy}(35.0063, 0.3460, 0.2410)$

Have a look what the booklet for
Yxy(35.0063, 0.3460, 0.2410)
contains.

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Color

Yxy(35.0063, 0.3460, 0.2410)

Conversions

Conversions Part 1

Format	Color
Hex	E67ACA
RGB	230, 122, 202
RGB Percent	90%, 48%, 79%
CMY	0.0980, 0.5216, 0.2078
CMYK	0.00, 0.47, 0.12, 0.10
HSL	316°, 68%, 69%
HSV	316°, 47%, 90%
XYZ	50.2580, 35.0063, 59.9900
YIQ	163.4120, 38.6880, 47.7760

Conversions

Conversions Part 2

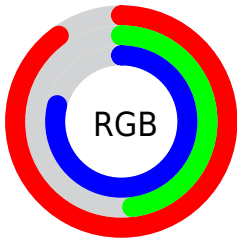
Format	Color
R _Y B	230, 122, 202
Decimal	15104714
CIE Lab	65.75, 51.93, -23.00
CIE LCh	66, 56.801, 336.108
Yxy	35.0063, 0.3460, 0.2410
Android (android.graphics.Color)	4293294794 (0xFFE67ACA)
YUV	163.4120, 19.0239, 58.3977
Hunter-Lab	59.1661, 48.0841, -18.6994

Details

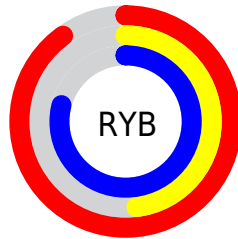
The Yxy color **35.0063, 0.3460, 0.2410** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62.9425, 0.2914, 0.4384**, and the grayscale version is **36.7257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9243, 0.3163, 0.2527**, and **15.0430, 0.3535, 0.2177** is the 20% darker color. If you saturate the color by 10%, you get **29.7355, 0.3557, 0.2247**, and if you desaturate by 10%, it is **41.6278, 0.3371, 0.2592**.

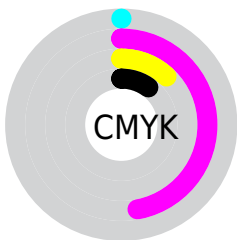
Distribution



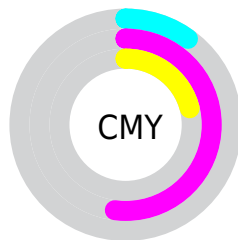
- Red (90%)
- Green (48%)
- Blue (79%)



- Red (90%)
- Yellow (48%)
- Blue (79%)



- Cyan (0%)
- Magenta (47%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (52%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0063, 0.3460, 0.2410 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 35.0063, 0.3460, 0.2410 by changing the saturation by 10% instead.

 35.0063, 0.3460,
0.2410


 35.0063, 0.3460,
0.2410


324.5961, 0.3302,
0.2835

 23.6677, 0.3497,
0.2309


 67.4955, 0.3405,
0.2561

 15.0873, 0.3542,
0.2183


 89.4150, 0.3383,
0.2618

 8.8807, 0.3599,
0.2021


 115.6302, 0.3365,
0.2667

 4.6634, 0.3674,
0.1807

146.5255, 0.3349,
0.2710

 2.0512, 0.3772,
0.1512

182.4854, 0.3335,
0.2747

 0.6370, 0.3917,
0.1061

223.8942, 0.3323,

 0.0000, 0.4268,

0.2780

0.0000

271.1363, 0.3312,
0.2809

0.0000, 0.0000,
0.0000

35.0063, 0.3460,
0.2410

35.0063, 0.3460,
0.2410

29.7355, 0.3557,
0.2247

41.6278, 0.3371,
0.2592

25.7146, 0.3661,
0.2114

49.6817, 0.3292,
0.2783

22.8366, 0.3768,
0.2021

59.2488, 0.3223,
0.2976

20.9742, 0.3875,
0.1975

70.4026, 0.3163,
0.3164


19.9633, 0.3978,
0.1977


83.2118, 0.3113,
0.3344

 19.7425, 0.4009,
0.1982

 94.5067, 0.3071,
0.3464

 94.8627, 0.3038,
0.3403

 95.2305, 0.3005,
0.3342

 95.5659, 0.2976,
0.3290

Harmonies

Analogous

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



35.0063, 0.2608, 0.2090



35.0063, 0.3460, 0.2410



35.0063, 0.4317, 0.2908

Triad

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



35.0063, 0.3460, 0.2410



35.0063, 0.4223, 0.4680



35.0063, 0.1695, 0.2711

Complementary

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



35.0063, 0.3460, 0.2410



62.9425, 0.2914, 0.4384

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.



35.0063, 0.2012, 0.3574



35.0063, 0.3460, 0.2410



35.0063, 0.3456, 0.4905

Square

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



35.0063, 0.3460, 0.2410



35.0063, 0.4742, 0.4127



35.0063, 0.2645, 0.4490



35.0063, 0.1700, 0.2190

Rectangle

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



35.0063, 0.3460, 0.2410



35.0063, 0.4703, 0.3298



35.0063, 0.2645, 0.4490



35.0063, 0.1764, 0.2966

Sweetspot

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



35.0079, 0.3460, 0.2410



78.7178, 0.3205, 0.3030



26.0210, 0.2441, 0.1889



16.2247, 0.3218, 0.2989



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.



35.0079, 0.3460, 0.2410



37.9531, 0.3551, 0.2257



32.9132, 0.4080, 0.2983



14.5480, 0.3177, 0.3118



11.1962, 0.3994, 0.1974



0.8423, 0.3854, 0.1897

Inverse Universe

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



35.0079, 0.3460, 0.2410



37.9531, 0.3551, 0.2257



65.0528, 0.2636, 0.3639



14.5480, 0.3177, 0.3118



11.1962, 0.3994, 0.1974



0.8423, 0.3854, 0.1897

Previews

White Background



This preview shows how the Yxy color 35.0063, 0.3460, 0.2410 looks on a white background.

Color Contrast Check

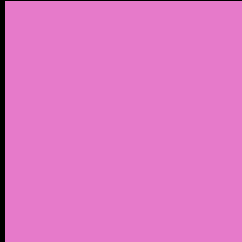
Large Text (above 18pt) WCAG AA × Fail

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 35.0063, 0.3460, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

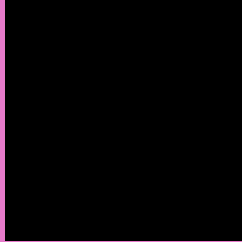
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0063, 0.3460, 0.2410

Background



This preview shows how black text looks on a background with the Yxy color 35.0063, 0.3460, 0.2410.



This preview shows how white text looks on a background with the Yxy color 35.0063, 0.3460, 0.2410.

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

35.0063, 0.3460, 0.2410

Protanopia

35.5141, 0.2434, 0.2346

Deuteranopia

35.3686, 0.2808, 0.2749



Tritanopia

34.9111, 0.4027, 0.3174

Trichromacy



Original Color

35.0063, 0.3460, 0.2410



Protanomaly

34.0232, 0.2734, 0.2343



Deuteranomaly

34.2141, 0.3024, 0.2591



Tritanomaly

34.8506, 0.3817, 0.2883

Monochromacy



Original Color

35.0063, 0.3460, 0.2410



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.9189, 0.3246, 0.2905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0063, 0.3460, 0.2410 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(230, 122, 202)` looks like.

```
.text, #text, p{  
    color:rgb(230, 122, 202)  
}
```

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(230, 122, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 122, 202) }
```

Border

The CSS property to change the border of an element to Yxy 35.0063, 0.3460, 0.2410 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(230, 122, 202) }
```

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

```
.border{ border-color:rgb(230, 122, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 122, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 122, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 122, 202);  
box-shadow:4px 4px 4px 4px rgb(230, 122,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0063, 0.3460, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 122, 202) }
```

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

```
.background{ background-color: rgb(230,  
122, 202) }
```

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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