

Converting Colors

Yxy(34.5656, 0.3571, 0.2593)

Have a look what the booklet for
Yxy(34.5656, 0.3571, 0.2593)
contains.

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Color

Yxy(34.5171, 0.3565, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	E17EBB
RGB	225, 126, 187
RGB Percent	88%, 49%, 73%
CMY	0.1178, 0.5058, 0.2666
CMYK	0.00, 0.44, 0.17, 0.12
HSL	323°, 62%, 69%
HSV	323°, 44%, 88%
XYZ	47.4743, 34.5171, 51.1764
YIQ	162.5550, 39.4230, 39.9590

Conversions

Conversions Part 2

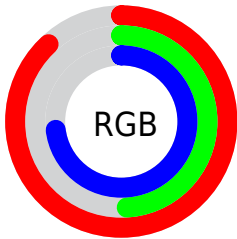
Format	Color
R _Y B	225, 126, 187
Decimal	14778043
CIE Lab	65.37, 45.98, -15.21
CIE LCh	65, 48.426, 341.699
Yxy	34.5171, 0.3565, 0.2592
Android (android.graphics.Color)	4292968123 (0xFFE17EBB)
YUV	162.5550, 12.0514, 54.7643
Hunter-Lab	58.7513, 41.4234, -10.5198

Details

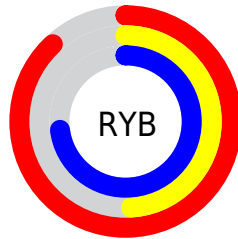
The Yxy color **34.5171, 0.3565, 0.2592** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.9500, 0.2856, 0.4123**, and the grayscale version is **36.3360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7788, 0.3252, 0.2673**, and **14.8111, 0.3692, 0.2395** is the 20% darker color. If you saturate the color by 10%, you get **29.0378, 0.3710, 0.2447**, and if you desaturate by 10%, it is **41.3155, 0.3438, 0.2750**.

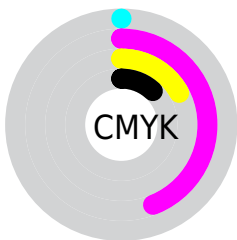
Distribution



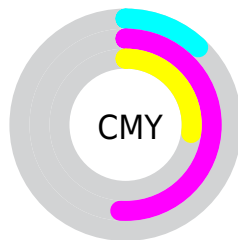
- Red (88%)
- Green (49%)
- Blue (73%)



- Red (88%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (44%)
- Yellow (17%)
- Black (12%)





- Cyan (12%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5171, 0.3565, 0.2592 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 34.5171, 0.3565, 0.2592 by changing the saturation by 10% instead.


 34.5171, 0.3565,
0.2592


 34.5171, 0.3565,
0.2592

322.4317, 0.3346,
0.2937

 23.2911, 0.3620,
0.2508


 66.7370, 0.3485,
0.2716

 14.8086, 0.3690,
0.2400


 88.4997, 0.3455,
0.2763

 8.6852, 0.3783,
0.2260


 114.5435, 0.3430,
0.2803

 4.5364, 0.3912,
0.2068

145.2527, 0.3408,
0.2837

 1.9779, 0.4101,
0.1793

181.0117, 0.3390,
0.2867

 0.5946, 0.4433,
0.1317

222.2049, 0.3373,

 0.0000, 0.5571,

0.2893

0.0000

269.2168, 0.3359,
0.2916

0.0000, 0.0000,
0.0000

34.5171, 0.3565,
0.2592

34.5171, 0.3565,
0.2592

29.0378, 0.3710,
0.2447

41.3155, 0.3438,
0.2750

24.7845, 0.3870,
0.2327

49.5080, 0.3327,
0.2914

21.6598, 0.4041,
0.2243


59.1699, 0.3234,
0.3075

19.5491, 0.4217,
0.2205


70.3695, 0.3155,
0.3230

18.3131, 0.4391,
0.2220

83.1709, 0.3089,
0.3377

 17.8561, 0.4494,
0.2249

 93.7421, 0.3035,
0.3455

 94.2639, 0.2987,
0.3366

 94.7422, 0.2946,
0.3289

Harmonies

Analogous

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



34.5171, 0.2810, 0.2271



34.5171, 0.3565, 0.2592



34.5171, 0.4257, 0.3062

Triad

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



34.5171, 0.3565, 0.2592



34.5171, 0.3988, 0.4569



34.5171, 0.1848, 0.2695

Complementary

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



34.5171, 0.3565, 0.2592



60.9500, 0.2856, 0.4123

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.



34.5171, 0.2085, 0.3391



34.5171, 0.3565, 0.2592



34.5171, 0.3300, 0.4636

Square

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



34.5171, 0.3565, 0.2592



34.5171, 0.4479, 0.4149



34.5171, 0.2603, 0.4175



34.5171, 0.1900, 0.2283

Rectangle

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



34.5171, 0.3565, 0.2592



34.5171, 0.4537, 0.3420



34.5171, 0.2603, 0.4175



34.5171, 0.1894, 0.2900

Sweetspot

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



34.5187, 0.3565, 0.2592



79.8506, 0.3226, 0.3089



28.2504, 0.2609, 0.2027



16.4349, 0.3245, 0.3054



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.



34.5187, 0.3565, 0.2592



38.9756, 0.3700, 0.2455



32.7532, 0.4151, 0.3157



13.8418, 0.3196, 0.3147



10.3164, 0.4468, 0.2235



0.7324, 0.4223, 0.2100

Inverse Universe

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



34.5187, 0.3565, 0.2592



38.9756, 0.3700, 0.2455



63.0957, 0.2592, 0.3437



13.8418, 0.3196, 0.3147



10.3164, 0.4468, 0.2235



0.7324, 0.4223, 0.2100

Previews

White Background



This preview shows how the Yxy color 34.5171, 0.3565, 0.2592 looks on a white background.

Color Contrast Check

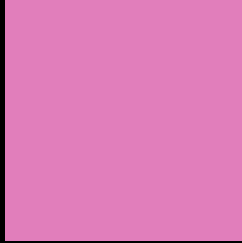
Large Text (above 18pt) WCAG AA × Fail

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 34.5171, 0.3565, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

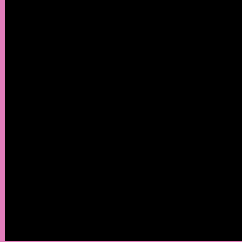
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5171, 0.3565, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 34.5171, 0.3565, 0.2592.



This preview shows how white text looks on a background with the Yxy color 34.5171, 0.3565, 0.2592.

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

34.5171, 0.3565, 0.2592

Protanopia

34.7371, 0.2608, 0.2570

Deuteranopia

34.7126, 0.2974, 0.2910



Tritanopia

34.3102, 0.3973, 0.3159

Trichromacy



Original Color

34.5171, 0.3565, 0.2592



Protanomaly

33.7735, 0.2904, 0.2562



Deuteranomaly

33.8463, 0.3172, 0.2762



Tritanomaly

34.3003, 0.3830, 0.2946

Monochromacy



Original Color

34.5171, 0.3565, 0.2592



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.2304, 0.3282, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5171, 0.3565, 0.2592 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(225, 126, 187)` looks like.

```
.text, #text, p{  
    color:rgb(225, 126, 187)  
}
```

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(225, 126, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 126, 187) }
```

Border

The CSS property to change the border of an element to Yxy 34.5171, 0.3565, 0.2592 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(225, 126, 187) }
```

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

```
.border{ border-color:rgb(225, 126, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 126, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 126, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 126, 187);  
box-shadow:4px 4px 4px 4px rgb(225, 126,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5171, 0.3565, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 126, 187) }
```

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

```
.background{ background-color: rgb(225,  
126, 187) }
```

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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