

Converting Colors

Yxy(33.6868, 0.4162, 0.3024)

Have a look what the booklet for
Yxy(33.6868, 0.4162, 0.3024)
contains.

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Color

Yxy(33.6566, 0.4169, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	EB7A92
RGB	235, 122, 146
RGB Percent	92%, 48%, 57%
CMY	0.0786, 0.5214, 0.4275
CMYK	0.00, 0.48, 0.38, 0.08
HSL	347°, 74%, 70%
HSV	347°, 48%, 92%
XYZ	46.4003, 33.6566, 31.2414
YIQ	158.5230, 59.6440, 31.4200

Conversions

Conversions Part 2

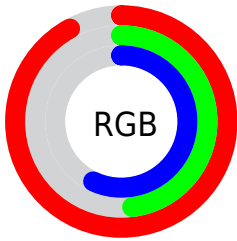
Format	Color
R _Y B	235, 122, 146
Decimal	15432338
CIE Lab	64.69, 45.90, 7.21
CIE LCh	65, 46.463, 8.922
Yxy	33.6566, 0.4169, 0.3024
Android (android.graphics.Color)	4293622418 (0xFFEB7A92)
YUV	158.5230, -6.1738, 67.0703
Hunter-Lab	58.0143, 41.2405, 8.6816

Details

The Yxy color **33.6566, 0.4169, 0.3024** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2412, 0.2606, 0.3593**, and the grayscale version is **34.4532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8744, 0.3617, 0.3052**, and **14.3309, 0.4506, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **28.0371, 0.4525, 0.2983**, and if you desaturate by 10%, it is **40.7676, 0.3864, 0.3077**.

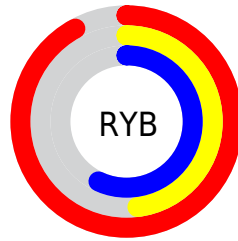
Distribution



Red (92%)

Green (48%)

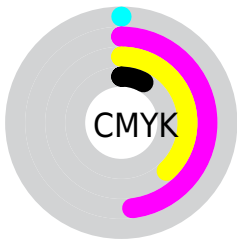
Blue (57%)



Red (92%)

Yellow (48%)

Blue (57%)

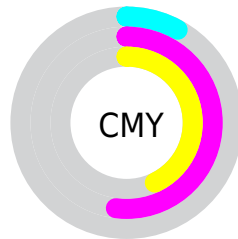


Cyan (0%)

Magenta (48%)

Yellow (38%)

Black (8%)



Cyan (8%)


Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6566, 0.4169, 0.3024 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 33.6566, 0.4169, 0.3024 by changing the saturation by 10% instead.


 33.6566, 0.4169,
0.3024


 33.6566, 0.4169,
0.3024


318.5981, 0.3618,
0.3174

 22.6299, 0.4316,
0.2981


 65.3993, 0.3962,
0.3083

 14.3205, 0.4510,
0.2922


 86.8841, 0.3886,
0.3104

 8.3439, 0.4777,
0.2837


 112.6237, 0.3822,
0.3121

 4.3158, 0.5166,
0.2706

143.0026, 0.3769,
0.3135

 1.8517, 0.5772,
0.2485

178.4051, 0.3723,
0.3147

 0.5191, 0.7635,
0.2115

219.2155, 0.3683,

 0.0000, 1.0000,

0.3157


0.0000


265.8184, 0.3648,
0.3166


 0.0000, 0.0000,
0.0000

 33.6566, 0.4169,
0.3024


 33.6566, 0.4169,
0.3024


 28.0371, 0.4525,
0.2983


 40.7676, 0.3864,
0.3077


 23.7973, 0.4923,
0.2964


 49.4611, 0.3612,
0.3134

 20.8178, 0.5334,
0.2975

 59.8269, 0.3405,
0.3192

 18.9564, 0.5717,
0.3024

 71.9467, 0.3238,
0.3248

 18.0164, 0.6024,
0.3105

 85.8967, 0.3103,
0.3300

■ 17.8856, 0.6074,
0.3120

■ 96.3966, 0.3005,
0.3290

Harmonies

Analogous

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



33.6566, 0.3483, 0.2576



33.6566, 0.4169, 0.3024



33.6566, 0.4541, 0.3551

Triad

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



33.6566, 0.4169, 0.3024



33.6566, 0.3364, 0.4604



33.6566, 0.1917, 0.2338

Complementary

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



33.6566, 0.4169, 0.3024



68.2412, 0.2606, 0.3593

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.



33.6566, 0.1893, 0.2769



33.6566, 0.4169, 0.3024



33.6566, 0.2679, 0.4203

Square

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



33.6566, 0.4169, 0.3024



33.6566, 0.4020, 0.4504



33.6566, 0.2152, 0.3462



33.6566, 0.2211, 0.2187

Rectangle

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



33.6566, 0.4169, 0.3024



33.6566, 0.4540, 0.3910



33.6566, 0.2152, 0.3462



33.6566, 0.1879, 0.2449

Sweetspot

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



33.6583, 0.4169, 0.3024



77.6188, 0.3334, 0.3215



33.6977, 0.2952, 0.2044



15.9576, 0.3372, 0.3203



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.



33.6583, 0.4169, 0.3024



33.6452, 0.4533, 0.2983



42.1834, 0.4272, 0.3653



15.1063, 0.3260, 0.3240



9.9724, 0.6039, 0.3100



0.7969, 0.5660, 0.2891

Inverse Universe

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



33.6583, 0.4169, 0.3024



33.6452, 0.4533, 0.2983



52.8331, 0.2416, 0.2877



15.1063, 0.3260, 0.3240



9.9724, 0.6039, 0.3100



0.7969, 0.5660, 0.2891

Previews

White Background



This preview shows how the Yxy color 33.6566, 0.4169, 0.3024 looks on a white background.

Color Contrast Check

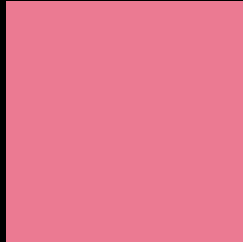
Large Text (above 18pt) WCAG AA × Fail

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 33.6566, 0.4169, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

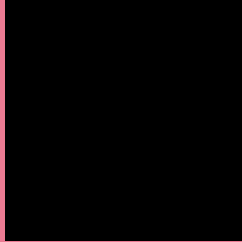
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6566, 0.4169, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 33.6566, 0.4169, 0.3024.



This preview shows how white text looks on a background with the Yxy color 33.6566, 0.4169, 0.3024.

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

33.6566, 0.4169, 0.3024

Protanopia

33.7626, 0.3066, 0.3157

Deuteranopia

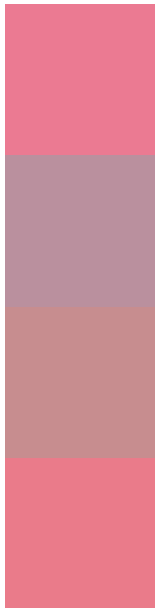
33.9633, 0.3515, 0.3447



Tritanopia

33.6012, 0.4311, 0.3192

Trichromacy



Original Color

33.6566, 0.4169, 0.3024

Protanomaly

32.8542, 0.3433, 0.3099

Deuteranomaly

33.1750, 0.3744, 0.3265

Tritanomaly

33.4933, 0.4254, 0.3124

Monochromacy



Original Color

33.6566, 0.4169, 0.3024

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.4557, 0.3481, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6566, 0.4169, 0.3024 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(235, 122, 146)` looks like.

```
.text, #text, p{  
    color:rgb(235, 122, 146)  
}
```

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(235, 122, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 122, 146) }
```

Border

The CSS property to change the border of an element to Yxy 33.6566, 0.4169, 0.3024 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(235, 122, 146) }
```

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

```
.border{ border-color:rgb(235, 122, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 122, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 122, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 122, 146);  
box-shadow:4px 4px 4px 4px rgb(235, 122,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6566, 0.4169, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 122, 146) }
```

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

```
.background{ background-color: rgb(235,  
122, 146) }
```

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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