

Converting Colors

$Y_{xy}(32.9191, 0.4151, 0.2967)$

Have a look what the booklet for
Yxy(32.9191, 0.4151, 0.2967)
contains.

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Color

Yxy(32.9939, 0.4157, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	EB7794
RGB	235, 119, 148
RGB Percent	92%, 47%, 58%
CMY	0.0783, 0.5334, 0.4195
CMYK	0.00, 0.49, 0.37, 0.08
HSL	345°, 74%, 69%
HSV	345°, 49%, 92%
XYZ	46.2115, 32.9939, 31.9601
YIQ	156.9900, 59.8270, 33.6110

Conversions

Conversions Part 2

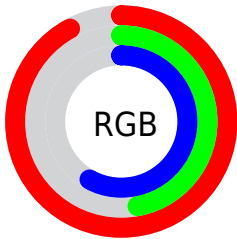
Format	Color
R _Y B	235, 119, 148
Decimal	15431572
CIE Lab	64.16, 47.66, 5.28
CIE LCh	64, 47.956, 6.325
Yxy	32.9939, 0.4157, 0.2968
Android (android.graphics.Color)	4293621652 (0xFFEB7794)
YUV	156.9900, -4.4321, 68.4148
Hunter-Lab	57.4403, 43.0850, 7.2190

Details

The Yxy color **32.9939, 0.4157, 0.2968** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67.8090, 0.2617, 0.3662**, and the grayscale version is **33.7123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7964, 0.3605, 0.3001**, and **14.0084, 0.4487, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **27.5608, 0.4500, 0.2921**, and if you desaturate by 10%, it is **39.8982, 0.3863, 0.3030**.

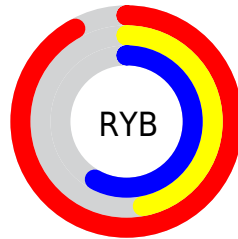
Distribution



Red (92%)

Green (47%)

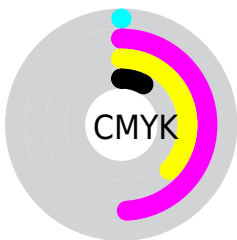
Blue (58%)



Red (92%)

Yellow (47%)

Blue (58%)

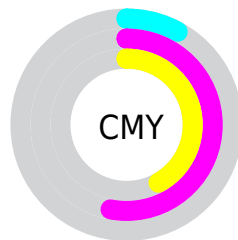


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (8%)



Cyan (8%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9939, 0.4157, 0.2968 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 32.9939, 0.4157, 0.2968 by changing the saturation by 10% instead.


 32.9939, 0.4157,
0.2968


 32.9939, 0.4157,
0.2968


315.6222, 0.3611,
0.3146


 22.1218, 0.4303,
0.2918


 64.3660, 0.3952,
0.3037

 13.9464, 0.4496,
0.2851


 85.6348, 0.3877,
0.3061

 8.0834, 0.4761,
0.2755

 111.1379, 0.3814,
0.3081

 4.1484, 0.5148,
0.2611

141.2597, 0.3761,
0.3098

 1.7569, 0.5755,
0.2372

176.3847, 0.3716,
0.3113

 0.4601, 0.7579,
0.1883

216.8971, 0.3676,


 0.0000, 1.0000,


0.3125


0.0000


263.1815, 0.3642,
0.3136


 0.0000, 0.0000,
0.0000


 32.9939, 0.4157,
0.2968

 32.9939, 0.4157,
0.2968


 27.5608, 0.4500,
0.2921


 39.8982, 0.3863,
0.3030


 23.4862, 0.4880,
0.2898


 48.3654, 0.3617,
0.3097


 20.6491, 0.5274,
0.2910


 58.4859, 0.3416,
0.3166

 18.9045, 0.5643,
0.2965


 70.3414, 0.3252,
0.3232

 18.0242, 0.5947,
0.3054

 84.0084, 0.3120,
0.3294

 17.9808, 0.5965,
0.3059

 96.3267, 0.3012,
0.3302

 96.4069, 0.3006,
0.3290

Harmonies

Analogous

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



32.9939, 0.3427, 0.2518



32.9939, 0.4157, 0.2968



32.9939, 0.4580, 0.3506

Triad

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



32.9939, 0.4157, 0.2968



32.9939, 0.3430, 0.4669



32.9939, 0.1864, 0.2330

Complementary

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



32.9939, 0.4157, 0.2968



67.8090, 0.2617, 0.3662

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.



32.9939, 0.1863, 0.2798



32.9939, 0.4157, 0.2968



32.9939, 0.2717, 0.4299

Square

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



32.9939, 0.4157, 0.2968



32.9939, 0.4100, 0.4517



32.9939, 0.2153, 0.3537



32.9939, 0.2142, 0.2154

Rectangle

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



32.9939, 0.4157, 0.2968



32.9939, 0.4604, 0.3878



32.9939, 0.2153, 0.3537



32.9939, 0.1833, 0.2452

Sweetspot

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



32.9956, 0.4157, 0.2968



76.2656, 0.3341, 0.3195



32.0386, 0.2891, 0.1991



15.6944, 0.3377, 0.3181



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.



32.9956, 0.4157, 0.2968



33.2308, 0.4496, 0.2921



39.5749, 0.4352, 0.3597



15.1159, 0.3254, 0.3231



10.0217, 0.5926, 0.3038



0.8020, 0.5535, 0.2823

Inverse Universe

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



32.9956, 0.4157, 0.2968



33.2308, 0.4496, 0.2921



55.0084, 0.2414, 0.2941



15.1159, 0.3254, 0.3231



10.0217, 0.5926, 0.3038



0.8020, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 32.9939, 0.4157, 0.2968 looks on a white background.

Color Contrast Check

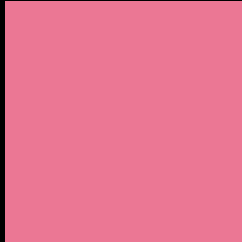
Large Text (above 18pt) WCAG AA × Fail

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 32.9939, 0.4157, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

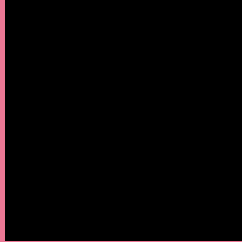
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9939, 0.4157, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 32.9939, 0.4157, 0.2968.



This preview shows how white text looks on a background with the Yxy color 32.9939, 0.4157, 0.2968.

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

32.9939, 0.4157, 0.2968

Protanopia

33.2758, 0.3002, 0.3083

Deuteranopia

33.0260, 0.3468, 0.3392



Tritanopia

33.0502, 0.4346, 0.3193

Trichromacy



Original Color

32.9939, 0.4157, 0.2968

Protanomaly

32.1096, 0.3384, 0.3029

Deuteranomaly

32.3799, 0.3707, 0.3212

Tritanomaly

32.9733, 0.4276, 0.3114

Monochromacy



Original Color

32.9939, 0.4157, 0.2968

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.2923, 0.3466, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9939, 0.4157, 0.2968 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, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 119, 148)  
}
```

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, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 119, 148) }
```

Border

The CSS property to change the border of an element to Yxy 32.9939, 0.4157, 0.2968 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, 119, 148) }
```

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

```
.border{ border-color:rgb(235, 119, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(235, 119,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9939, 0.4157, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 119, 148) }
```

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

```
.background{ background-color: rgb(235,  
119, 148) }
```

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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