

Converting Colors

$Y_{xy}(35.2470, 0.4064, 0.2964)$

Have a look what the booklet for
Yxy(35.2470, 0.4064, 0.2964)
contains.

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Color

Yxy(35.2928, 0.4063, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	ED7E9B
RGB	237, 126, 155
RGB Percent	93%, 49%, 61%
CMY	0.0707, 0.5058, 0.3921
CMYK	0.00, 0.47, 0.35, 0.07
HSL	344°, 75%, 71%
HSV	344°, 47%, 93%
XYZ	48.2973, 35.2928, 35.2809
YIQ	162.4950, 56.8470, 32.5510

Conversions

Conversions Part 2

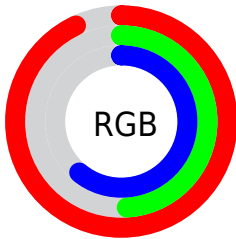
Format	Color
R _Y B	237, 126, 155
Decimal	15564443
CIE Lab	65.98, 45.65, 3.97
CIE LCh	66, 45.820, 4.969
Yxy	35.2928, 0.4063, 0.2969
Android (android.graphics.Color)	4293754523 (0xFFED7E9B)
YUV	162.4950, -3.6950, 65.3409
Hunter-Lab	59.4077, 41.1533, 6.3744

Details

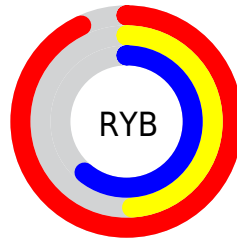
The Yxy color **35.2928, 0.4063, 0.2969** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.5460, 0.2642, 0.3655**, and the grayscale version is **36.3758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9112, 0.3530, 0.3002**, and **15.2295, 0.4362, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **29.3876, 0.4389, 0.2914**, and if you desaturate by 10%, it is **42.7221, 0.3786, 0.3036**.

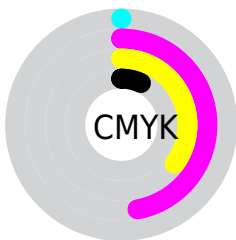
Distribution



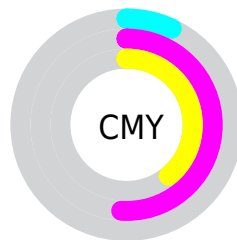
- Red (93%)
- Green (49%)
- Blue (61%)



- Red (93%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2928, 0.4063, 0.2969 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 35.2928, 0.4063, 0.2969 by changing the saturation by 10% instead.

 35.2928, 0.4063,
0.2969


 35.2928, 0.4063,
0.2969


325.8589, 0.3573,
0.3142


 23.8885, 0.4192,
0.2922


 67.9391, 0.3880,
0.3035

 15.2509, 0.4362,
0.2859


 89.9499, 0.3812,
0.3059

 8.9957, 0.4595,
0.2771


 116.2650, 0.3756,
0.3078

 4.7384, 0.4930,
0.2641

147.2688, 0.3708,
0.3095

 2.0946, 0.5452,
0.2432

183.3457, 0.3667,
0.3109

 0.6616, 0.6557,
0.2063

224.8801, 0.3632,

 0.0000, 1.0000,

0.3122

0.0000

272.2563, 0.3600,
0.3132

0.0000, 0.0000,
0.0000

35.2928, 0.4063,
0.2969

35.2928, 0.4063,
0.2969

29.3876, 0.4389,
0.2914

42.7221, 0.3786,
0.3036

24.8947, 0.4755,
0.2882

51.7664, 0.3556,
0.3107

21.6952, 0.5144,
0.2883

62.5159, 0.3367,
0.3178

19.6483, 0.5519,
0.2927

75.0524, 0.3215,
0.3246

18.5752, 0.5841,
0.3012

89.4525, 0.3091,
0.3310

■ 18.3475, 0.5931,
0.3041

■ 96.7406, 0.3017,
0.3290

Harmonies

Analogous

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



35.2928, 0.3377, 0.2546



35.2928, 0.4063, 0.2969



35.2928, 0.4477, 0.3479

Triad

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



35.2928, 0.4063, 0.2969



35.2928, 0.3450, 0.4576



35.2928, 0.1929, 0.2404

Complementary

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



35.2928, 0.4063, 0.2969



69.5460, 0.2642, 0.3655

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.



35.2928, 0.1942, 0.2862



35.2928, 0.4063, 0.2969



35.2928, 0.2777, 0.4250

Square

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



35.2928, 0.4063, 0.2969



35.2928, 0.4071, 0.4431



35.2928, 0.2233, 0.3558



35.2928, 0.2182, 0.2220

Rectangle

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



35.2928, 0.4063, 0.2969



35.2928, 0.4516, 0.3831



35.2928, 0.2233, 0.3558



35.2928, 0.1903, 0.2525

Sweetspot

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



35.2946, 0.4063, 0.2969



77.7160, 0.3322, 0.3197



34.3617, 0.2907, 0.2056



15.9810, 0.3357, 0.3182



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.



35.2946, 0.4063, 0.2969



35.0787, 0.4368, 0.2917



41.9350, 0.4263, 0.3583



15.1187, 0.3252, 0.3229



10.0375, 0.5891, 0.3019



0.8036, 0.5498, 0.2803

Inverse Universe

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



35.2946, 0.4063, 0.2969



35.0787, 0.4368, 0.2917



57.1824, 0.2445, 0.2962



15.1187, 0.3252, 0.3229



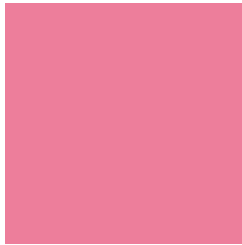
10.0375, 0.5891, 0.3019



0.8036, 0.5498, 0.2803

Previews

White Background



This preview shows how the Yxy color 35.2928, 0.4063, 0.2969 looks on a white background.

Color Contrast Check

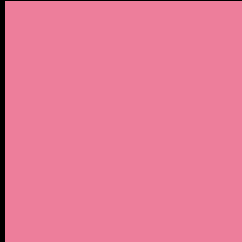
Large Text (above 18pt) WCAG AA × Fail

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 35.2928, 0.4063, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

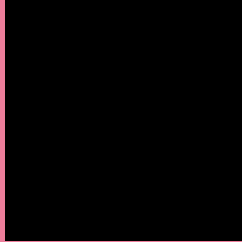
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2928, 0.4063, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 35.2928, 0.4063, 0.2969.



This preview shows how white text looks on a background with the Yxy color 35.2928, 0.4063, 0.2969.

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

35.2928, 0.4063, 0.2969

Protanopia

35.7103, 0.2997, 0.3075

Deuteranopia

35.3480, 0.3428, 0.3361



Tritanopia

35.3684, 0.4245, 0.3192

Trichromacy



Original Color

35.2928, 0.4063, 0.2969



Protanomaly

34.6983, 0.3344, 0.3022



Deuteranomaly

34.6310, 0.3656, 0.3187



Tritanomaly

35.2848, 0.4178, 0.3113

Monochromacy



Original Color

35.2928, 0.4063, 0.2969



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.2979, 0.3442, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2928, 0.4063, 0.2969 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(237, 126, 155)` looks like.

```
.text, #text, p{  
    color:rgb(237, 126, 155)  
}
```

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(237, 126, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 126, 155) }
```

Border

The CSS property to change the border of an element to Yxy 35.2928, 0.4063, 0.2969 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(237, 126, 155) }
```

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

```
.border{ border-color:rgb(237, 126, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 126, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 126, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 126, 155);  
box-shadow:4px 4px 4px 4px rgb(237, 126,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2928, 0.4063, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 126, 155) }
```

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

```
.background{ background-color: rgb(237,  
126, 155) }
```

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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