

Converting Colors

$Y_{xy}(40.0669, 0.3789, 0.3027)$

Have a look what the booklet for
Yxy(40.0669, 0.3789, 0.3027)
contains.

Yxy(40.0669, 0.3789, 0.3027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.0669, 0.3789, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	E791A8
RGB	231, 145, 168
RGB Percent	91%, 57%, 66%
CMY	0.0941, 0.4314, 0.3411
CMYK	0.00, 0.37, 0.27, 0.09
HSL	344°, 64%, 74%
HSV	344°, 37%, 91%
XYZ	50.1531, 40.0669, 42.1450
YIQ	173.3360, 43.8730, 25.3850

Conversions

Conversions Part 2

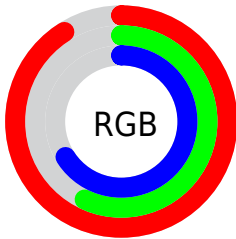
Format	Color
R_{YB}	231, 145, 168
Decimal	15176104
CIE _{Lab}	69.52, 35.43, 1.69
CIE _{LCh}	70, 35.471, 2.727
Yxy	40.0669, 0.3789, 0.3027
Android (android.graphics.Color)	4293366184 (0xFFE791A8)
YUV	173.3360, -2.6306, 50.5713
Hunter-Lab	63.2984, 30.6583, 4.8327

Details

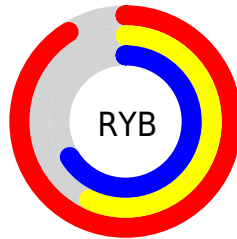
The Yxy color **40.0669, 0.3789, 0.3027** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.7331, 0.2727, 0.3576**, and the grayscale version is **41.9679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8963, 0.3387, 0.3058**, and **18.0883, 0.3998, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **33.1222, 0.4065, 0.2959**, and if you desaturate by 10%, it is **48.5328, 0.3560, 0.3100**.

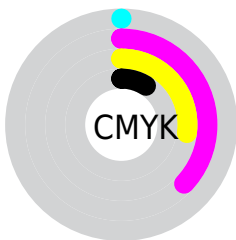
Distribution



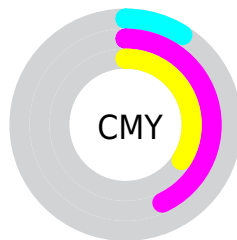
- Red (91%)
- Green (57%)
- Blue (66%)



- Red (91%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0669, 0.3789, 0.3027 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 40.0669, 0.3789, 0.3027 by changing the saturation by 10% instead.

 40.0669, 0.3789,
0.3027


 40.0669, 0.3789,
0.3027


346.4055, 0.3449,
0.3163

 27.5907, 0.3876,
0.2991


 75.2654, 0.3664,
0.3078

 18.0174, 0.3990,
0.2945


 98.7564, 0.3617,
0.3096

 10.9624, 0.4144,
0.2881


126.6879, 0.3578,
0.3112

 6.0416, 0.4364,
0.2790

159.4442, 0.3545,
0.3125

 2.8704, 0.4700,
0.2648

197.4098, 0.3516,
0.3137

 1.0644, 0.5274,
0.2401

240.9689, 0.3491,

 0.0000, 1.0000,

0.3147

0.0000

290.5060, 0.3469,
0.3156

0.0000, 0.0000,
0.0000

40.0669, 0.3789,
0.3027

40.0669, 0.3789,
0.3027

33.1222, 0.4065,
0.2959

48.5328, 0.3560,
0.3100

27.6022, 0.4388,
0.2903

58.5973, 0.3372,
0.3173

23.4084, 0.4752,
0.2871

70.3393, 0.3219,
0.3242

20.4272, 0.5137,
0.2872

83.8310, 0.3095,
0.3308

18.5254, 0.5509,
0.2917

95.5784, 0.2995,
0.3313

■ 17.5294, 0.5829,
0.3003

■ 95.7314, 0.2982,
0.3290

■ 17.3373, 0.5907,
0.3028

Harmonies

Analogous

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



40.0669, 0.3281, 0.2698



40.0669, 0.3789, 0.3027



40.0669, 0.4115, 0.3428

Triad

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



40.0669, 0.3789, 0.3027



40.0669, 0.3428, 0.4233



40.0669, 0.2198, 0.2647

Complementary

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



40.0669, 0.3789, 0.3027



67.7331, 0.2727, 0.3576

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.



40.0669, 0.2230, 0.3022



40.0669, 0.3789, 0.3027



40.0669, 0.2915, 0.4010

Square

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



40.0669, 0.3789, 0.3027



40.0669, 0.3882, 0.4141



40.0669, 0.2481, 0.3535



40.0669, 0.2384, 0.2475

Rectangle

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



40.0669, 0.3789, 0.3027



40.0669, 0.4169, 0.3701



40.0669, 0.2481, 0.3535



40.0669, 0.2184, 0.2751

Sweetspot

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



40.0688, 0.3789, 0.3027



82.1377, 0.3274, 0.3216



39.2339, 0.2953, 0.2308



17.1492, 0.3295, 0.3207



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.



40.0688, 0.3789, 0.3027



43.0282, 0.4006, 0.2972



45.4555, 0.3957, 0.3508



14.4310, 0.3250, 0.3227



9.7358, 0.5867, 0.3006



0.7346, 0.5451, 0.2777

Inverse Universe

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



40.0688, 0.3789, 0.3027



43.0282, 0.4006, 0.2972



59.0656, 0.2575, 0.3057



14.4310, 0.3250, 0.3227



9.7358, 0.5867, 0.3006



0.7346, 0.5451, 0.2777

Previews

White Background



This preview shows how the Yxy color 40.0669, 0.3789, 0.3027 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 40.0669, 0.3789, 0.3027 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 40.0669, 0.3789, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 40.0669, 0.3789, 0.3027.



This preview shows how white text looks on a background with the Yxy color 40.0669, 0.3789, 0.3027.

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

40.0669, 0.3789, 0.3027

Protanopia

40.2994, 0.3028, 0.3112

Deuteranopia

40.4457, 0.3355, 0.3291



Tritanopia

40.1591, 0.3880, 0.3165

Trichromacy



Original Color

40.0669, 0.3789, 0.3027

Protanomaly

39.5224, 0.3281, 0.3069

Deuteranomaly

40.0443, 0.3506, 0.3190

Tritanomaly

39.9894, 0.3840, 0.3107

Monochromacy



Original Color

40.0669, 0.3789, 0.3027

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6040, 0.3351, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0669, 0.3789, 0.3027 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(231, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 168)  
}
```

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(231, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 168) }
```

Border

The CSS property to change the border of an element to Yxy 40.0669, 0.3789, 0.3027 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(231, 145, 168) }
```

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

```
.border{ border-color:rgb(231, 145, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 168);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0669, 0.3789, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 168) }
```

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

```
.background{ background-color: rgb(231,  
145, 168) }
```

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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