

Converting Colors

$Y_{xy}(41.0491, 0.3676, 0.2915)$

Have a look what the booklet for
Yxy(41.0491, 0.3676, 0.2915)
contains.

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Color

Yxy(40.9682, 0.3679, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	E892B3
RGB	232, 146, 179
RGB Percent	91%, 57%, 70%
CMY	0.0903, 0.4274, 0.2980
CMYK	0.00, 0.37, 0.23, 0.09
HSL	337°, 65%, 74%
HSV	337°, 37%, 91%
XYZ	51.6879, 40.9682, 47.8384
YIQ	175.4760, 40.6630, 28.4950

Conversions

Conversions Part 2

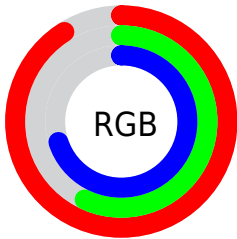
Format	Color
R _Y B	232, 146, 179
Decimal	15241907
CIE Lab	70.15, 36.77, -3.50
CIE LCh	70, 36.934, 354.557
Yxy	40.9682, 0.3679, 0.2916
Android (android.graphics.Color)	4293431987 (0xFFE892B3)
YUV	175.4760, 1.7373, 49.5715
Hunter-Lab	64.0064, 32.1352, 0.4911

Details

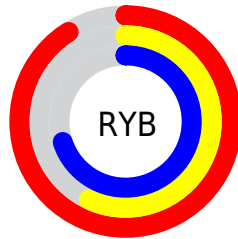
The Yxy color **40.9682, 0.3679, 0.2916** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.9315, 0.2782, 0.3704**, and the grayscale version is **43.1060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0314, 0.3296, 0.2950**, and **18.6257, 0.3852, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **33.9795, 0.3905, 0.2817**, and if you desaturate by 10%, it is **49.4717, 0.3490, 0.3020**.

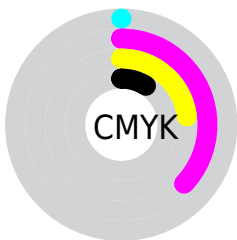
Distribution



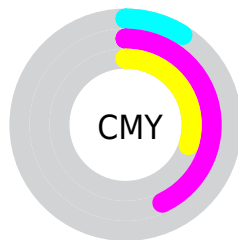
- Red (91%)
- Green (57%)
- Blue (70%)



- Red (91%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9682, 0.3679, 0.2916 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 40.9682, 0.3679, 0.2916 by changing the saturation by 10% instead.

 40.9682, 0.3679,
0.2916

 40.9682, 0.3679,
0.2916


350.1877, 0.3399,
0.3103

 28.2942, 0.3750,
0.2869

 76.6356, 0.3576,
0.2984

 18.5476, 0.3842,
0.2809


 100.3979, 0.3538,
0.3010

 11.3438, 0.3965,
0.2729


128.6250, 0.3506,
0.3031

 6.2986, 0.4138,
0.2618

161.7014, 0.3478,
0.3050

 3.0275, 0.4401,
0.2453

200.0115, 0.3455,
0.3066

 1.1461, 0.4841,
0.2184

243.9396, 0.3434,

 0.0170, 0.7656,

0.3080

0.0142

293.8702, 0.3416,
0.3092

0.0000, 0.0000,
0.0000

40.9682, 0.3679,
0.2916

40.9682, 0.3679,
0.2916

33.9795, 0.3905,
0.2817

49.4717, 0.3490,
0.3020

28.4095, 0.4167,
0.2732

59.5667, 0.3333,
0.3124

24.1605, 0.4463,
0.2673

71.3318, 0.3204,
0.3223

21.1195, 0.4780,
0.2653

84.8385, 0.3098,
0.3317

19.1543, 0.5100,
0.2682

95.6027, 0.3012,
0.3335

■ 18.0941, 0.5396,
0.2764

■ 95.8907, 0.2987,
0.3290

■ 17.8728, 0.5479,
0.2792

Harmonies

Analogous

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



40.9682, 0.3134, 0.2610



40.9682, 0.3679, 0.2916



40.9682, 0.4084, 0.3314

Triad

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



40.9682, 0.3679, 0.2916



40.9682, 0.3576, 0.4270



40.9682, 0.2156, 0.2711

Complementary

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



40.9682, 0.3679, 0.2916



67.9315, 0.2782, 0.3704

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.



40.9682, 0.2251, 0.3147



40.9682, 0.3679, 0.2916



40.9682, 0.3048, 0.4132

Square

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



40.9682, 0.3679, 0.2916



40.9682, 0.4004, 0.4096



40.9682, 0.2566, 0.3692



40.9682, 0.2288, 0.2477

Rectangle

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



40.9682, 0.3679, 0.2916



40.9682, 0.4199, 0.3597



40.9682, 0.2566, 0.3692



40.9682, 0.2162, 0.2836

Sweetspot

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



40.9701, 0.3679, 0.2916



82.3273, 0.3252, 0.3184



38.3388, 0.2866, 0.2288



17.1942, 0.3270, 0.3171



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.



40.9701, 0.3679, 0.2916



44.3846, 0.3837, 0.2844



42.5416, 0.3996, 0.3392



14.4591, 0.3232, 0.3200



9.9480, 0.5437, 0.2769



0.7528, 0.5044, 0.2552

Inverse Universe

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



40.9701, 0.3679, 0.2916



44.3846, 0.3837, 0.2844



64.9132, 0.2595, 0.3184



14.4591, 0.3232, 0.3200



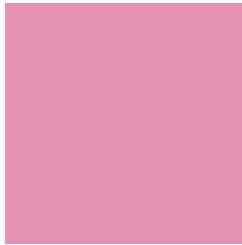
9.9480, 0.5437, 0.2769



0.7528, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 40.9682, 0.3679, 0.2916 looks on a white background.

Color Contrast Check

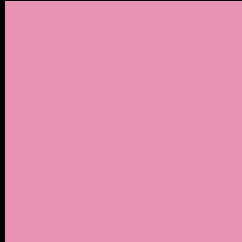
Large Text (above 18pt) WCAG AA × Fail

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 40.9682, 0.3679, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

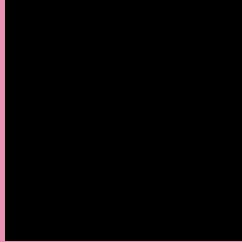
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9682, 0.3679, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 40.9682, 0.3679, 0.2916.

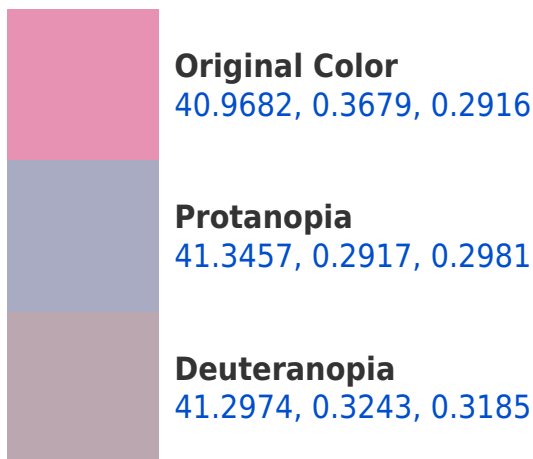


This preview shows how white text looks on a background with the Yxy color 40.9682, 0.3679, 0.2916.

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





Tritanopia

40.8911, 0.3841, 0.3153

Trichromacy



Original Color

40.9682, 0.3679, 0.2916



Protanomaly

40.5911, 0.3162, 0.2944



Deuteranomaly

40.6274, 0.3398, 0.3077



Tritanomaly

40.9959, 0.3780, 0.3062

Monochromacy



Original Color

40.9682, 0.3679, 0.2916



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.4213, 0.3323, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9682, 0.3679, 0.2916 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(232, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 146, 179)  
}
```

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(232, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 146, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.9682, 0.3679, 0.2916 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(232, 146, 179) }
```

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

```
.border{ border-color:rgb(232, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 146, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 146, 179); box-shadow:4px 4px 4px 4px rgb(232, 146, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9682, 0.3679, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 146, 179) }
```

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

```
.background{ background-color: rgb(232,  
146, 179) }
```

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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