

Converting Colors

$Yxy(47.2140, 0.3574, 0.3176)$

Have a look what the booklet for
Yxy(47.2140, 0.3574, 0.3176)
contains.

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Color

Yxy(47.2272, 0.3569, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	E1A8B2
RGB	225, 168, 178
RGB Percent	88%, 66%, 70%
CMY	0.1177, 0.3411, 0.3020
CMYK	0.00, 0.25, 0.21, 0.12
HSL	349°, 49%, 77%
HSV	349°, 25%, 88%
XYZ	53.0878, 47.2272, 48.4321
YIQ	186.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

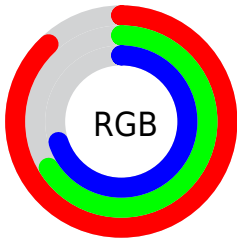
Format	Color
R _Y B	225, 168, 178
Decimal	14788786
CIE Lab	74.33, 22.40, 3.08
CIE LCh	74, 22.607, 7.829
Yxy	47.2272, 0.3569, 0.3175
Android (android.graphics.Color)	4292978866 (0xFFE1A8B2)
YUV	186.1830, -4.0342, 34.0425
Hunter-Lab	68.7220, 17.6278, 6.3206

Details

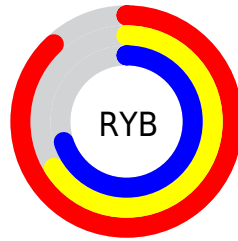
The Yxy color **47.2272, 0.3569, 0.3175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.0806, 0.2813, 0.3409**, and the grayscale version is **49.2217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9759, 0.3281, 0.3181**, and **22.4065, 0.3703, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **38.9319, 0.3820, 0.3127**, and if you desaturate by 10%, it is **57.0650, 0.3365, 0.3222**.

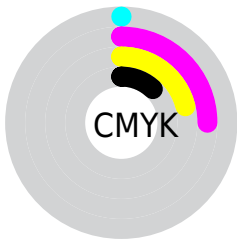
Distribution



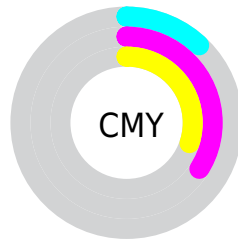
- Red (88%)
- Green (66%)
- Blue (70%)



- Red (88%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (12%)




- Cyan (12%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2272, 0.3569, 0.3175 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 47.2272, 0.3569, 0.3175 by changing the saturation by 10% instead.


 47.2272, 0.3569,
0.3175


 47.2272, 0.3569,
0.3175


375.7207, 0.3348,
0.3234

 33.2153, 0.3624,
0.3160


 86.0527, 0.3488,
0.3197

 22.2914, 0.3696,
0.3140


 111.6350, 0.3458,
0.3205

 14.0712, 0.3790,
0.3113


141.8430, 0.3433,
0.3212

 8.1702, 0.3923,
0.3074

177.0609, 0.3411,
0.3218

 4.2040, 0.4121,
0.3014

217.6733, 0.3392,
0.3223

 1.7883, 0.4446,
0.2911

264.0644, 0.3375,

 0.4799, 0.5628,

0.3227

0.2665

316.6188, 0.3361,
0.3231

0.0000, 0.0000,
0.0000

47.2272, 0.3569,
0.3175

47.2272, 0.3569,
0.3175

38.9319, 0.3820,
0.3127

57.0650, 0.3365,
0.3222

32.0945, 0.4124,
0.3083

68.5112, 0.3201,
0.3267

26.6324, 0.4483,
0.3047

81.6358, 0.3069,
0.3309

22.4517, 0.4889,
0.3027

94.5693, 0.2961,
0.3317

19.4471, 0.5316,
0.3033

94.7468, 0.2946,
0.3289

■ 17.4961, 0.5718,
0.3069

■ 16.4492, 0.6043,
0.3136

■ 16.1560, 0.6162,
0.3168

Harmonies

Analogous

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



47.2272, 0.3281, 0.2950



47.2272, 0.3569, 0.3175



47.2272, 0.3736, 0.3436

Triad

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



47.2272, 0.3569, 0.3175



47.2272, 0.3269, 0.3834



47.2272, 0.2556, 0.2874

Complementary

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



47.2272, 0.3569, 0.3175



67.0806, 0.2813, 0.3409

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.



47.2272, 0.2555, 0.3094



47.2272, 0.3569, 0.3175



47.2272, 0.2955, 0.3670

Square

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



47.2272, 0.3569, 0.3175



47.2272, 0.3554, 0.3829



47.2272, 0.2697, 0.3389



47.2272, 0.2701, 0.2776

Rectangle

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



47.2272, 0.3569, 0.3175



47.2272, 0.3751, 0.3602



47.2272, 0.2697, 0.3389



47.2272, 0.2539, 0.2936

Sweetspot

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



47.2294, 0.3569, 0.3175



86.6311, 0.3243, 0.3255



47.8233, 0.3068, 0.2644



18.0390, 0.3267, 0.3249



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.



47.2294, 0.3569, 0.3175



57.1015, 0.3685, 0.3152



53.9751, 0.3612, 0.3500



13.7395, 0.3265, 0.3249



9.3223, 0.6130, 0.3151



0.6580, 0.5725, 0.2927

Inverse Universe

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



47.2294, 0.3569, 0.3175



57.1015, 0.3685, 0.3152



58.3630, 0.2737, 0.3069



13.7395, 0.3265, 0.3249



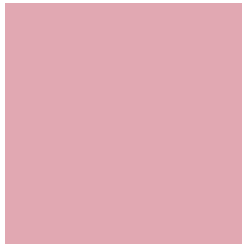
9.3223, 0.6130, 0.3151



0.6580, 0.5725, 0.2927

Previews

White Background



This preview shows how the Yxy color 47.2272, 0.3569, 0.3175 looks on a white background.

Color Contrast Check

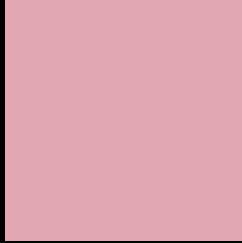
Large Text (above 18pt) WCAG AA × Fail

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 47.2272, 0.3569, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

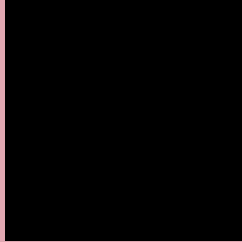
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2272, 0.3569, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 47.2272, 0.3569, 0.3175.



This preview shows how white text looks on a background with the Yxy color 47.2272, 0.3569, 0.3175.

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

47.2272, 0.3569, 0.3175

Protanopia

47.3154, 0.3121, 0.3239

Deuteranopia

47.2754, 0.3367, 0.3303



Tritanopia

47.3490, 0.3541, 0.3140

Trichromacy



Original Color

47.2272, 0.3569, 0.3175

Protanomaly

47.1425, 0.3280, 0.3216

Deuteranomaly

47.2953, 0.3436, 0.3254

Tritanomaly

47.3081, 0.3550, 0.3152

Monochromacy



Original Color

47.2272, 0.3569, 0.3175

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.9385, 0.3278, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2272, 0.3569, 0.3175 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(225, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(225, 168, 178)  
}
```

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(225, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 168, 178) }
```

Border

The CSS property to change the border of an element to Yxy 47.2272, 0.3569, 0.3175 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(225, 168, 178) }
```

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

```
.border{ border-color:rgb(225, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(225, 168,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2272, 0.3569, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 168, 178) }
```

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

```
.background{ background-color: rgb(225,  
168, 178) }
```

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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