

Converting Colors

Yxy(50.4844, 0.3524, 0.2980)

Have a look what the booklet for
Yxy(50.4844, 0.3524, 0.2980)
contains.

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Color

Yxy(50.3872, 0.3521, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	EFA8C5
RGB	239, 168, 197
RGB Percent	94%, 66%, 77%
CMY	0.0628, 0.3411, 0.2273
CMYK	0.00, 0.30, 0.18, 0.06
HSL	335°, 69%, 80%
HSV	335°, 30%, 94%
XYZ	59.6749, 50.3872, 59.4206
YIQ	192.5350, 33.0070, 24.0710

Conversions

Conversions Part 2

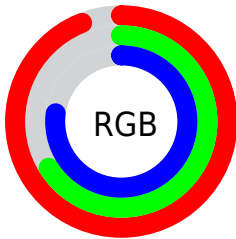
Format	Color
R _Y B	239, 168, 197
Decimal	15706309
CIE Lab	76.31, 30.27, -4.29
CIE LCh	76, 30.572, 351.933
Yxy	50.3872, 0.3521, 0.2973
Android (android.graphics.Color)	4293896389 (0xFFEFA8C5)
YUV	192.5350, 2.2012, 40.7498
Hunter-Lab	70.9839, 25.8397, 0.0571

Details

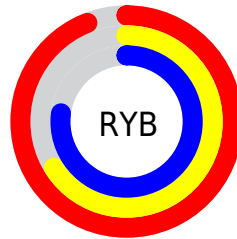
The Yxy color $50.3872, 0.3521, 0.2973$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $74.6992, 0.2852, 0.3633$, and the grayscale version is $53.0156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7271, 0.3148, 0.2999$, and $24.1897, 0.3633, 0.2893$ is the 20% darker color. If you saturate the color by 10%, you get $41.7432, 0.3711, 0.2863$, and if you desaturate by 10%, it is $60.7180, 0.3362, 0.3084$.

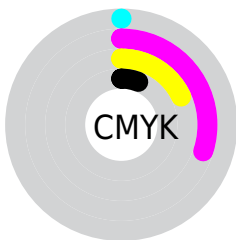
Distribution



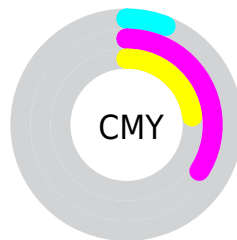
- Red (94%)
- Green (66%)
- Blue (77%)



- Red (94%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3872, 0.3521, 0.2973 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 50.3872, 0.3521, 0.2973 by changing the saturation by 10% instead.


 50.3872, 0.3521,
0.2973


 50.3872, 0.3521,
0.2973

388.1782, 0.3328,
0.3126

 35.7212, 0.3568,
0.2936


 90.7483, 0.3452,
0.3028

 24.2189, 0.3627,
0.2890


 117.2122, 0.3426,
0.3048

 15.4961, 0.3705,
0.2830


148.3774, 0.3403,
0.3066

 9.1683, 0.3812,
0.2748

184.6284, 0.3384,
0.3081

 4.8511, 0.3966,
0.2632

226.3496, 0.3368,
0.3095

 2.1602, 0.4208,
0.2454

273.9254, 0.3353,

 0.6981, 0.4658,

0.3107

0.2117

327.7401, 0.3340,
0.3117

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3872, 0.3521,
0.2973

50.3872, 0.3521,
0.2973

41.7432, 0.3711,
0.2863

60.7180, 0.3362,
0.3084

34.6884, 0.3937,
0.2760

72.8124, 0.3232,
0.3192

29.1259, 0.4196,
0.2675

86.7508, 0.3124,
0.3293

24.9454, 0.4485,
0.2620

96.9935, 0.3037,
0.3304

■ 22.0208, 0.4790,
0.2607

■ 97.0874, 0.3029,
0.3290

■ 20.2025, 0.5092,
0.2647

■ 19.2476, 0.5373,
0.2735

■ 19.2238, 0.5381,
0.2738

Harmonies

Analogous

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



50.3872, 0.3100, 0.2735



50.3872, 0.3521, 0.2973



50.3872, 0.3845, 0.3290

Triad

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



50.3872, 0.3521, 0.2973



50.3872, 0.3519, 0.4040



50.3872, 0.2359, 0.2871

Complementary

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



50.3872, 0.3521, 0.2973



74.6992, 0.2852, 0.3633

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.



50.3872, 0.2455, 0.3224



50.3872, 0.3521, 0.2973



50.3872, 0.3110, 0.3946

Square

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



50.3872, 0.3521, 0.2973



50.3872, 0.3835, 0.3907



50.3872, 0.2723, 0.3633



50.3872, 0.2450, 0.2663

Rectangle

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



50.3872, 0.3521, 0.2973



50.3872, 0.3949, 0.3516



50.3872, 0.2723, 0.3633



50.3872, 0.2370, 0.2975

Sweetspot

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



50.3895, 0.3521, 0.2973



85.3782, 0.3224, 0.3198



47.8557, 0.2920, 0.2495



17.8040, 0.3241, 0.3183



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.



50.3895, 0.3521, 0.2973



51.7300, 0.3640, 0.2902



51.4184, 0.3773, 0.3358



15.8660, 0.3229, 0.3194



10.6500, 0.5341, 0.2716



0.9053, 0.4997, 0.2526

Inverse Universe

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



50.3895, 0.3521, 0.2973



51.7300, 0.3640, 0.2902



72.8726, 0.2691, 0.3221



15.8660, 0.3229, 0.3194



10.6500, 0.5341, 0.2716



0.9053, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 50.3872, 0.3521, 0.2973 looks on a white background.

Color Contrast Check

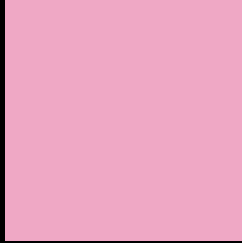
Large Text (above 18pt) WCAG AA × Fail

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 50.3872, 0.3521, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

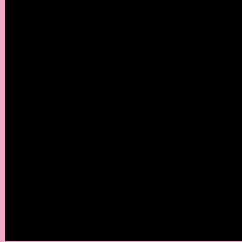
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3872, 0.3521, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 50.3872, 0.3521, 0.2973.



This preview shows how white text looks on a background with the Yxy color 50.3872, 0.3521, 0.2973.

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

50.3872, 0.3521, 0.2973

Protanopia

50.5832, 0.2955, 0.3018

Deuteranopia

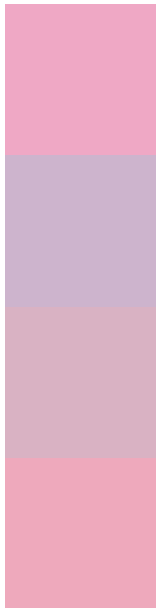
50.5994, 0.3218, 0.3157



Tritanopia

50.1729, 0.3628, 0.3147

Trichromacy



Original Color

50.3872, 0.3521, 0.2973

Protanomaly

50.0294, 0.3141, 0.2992

Deuteranomaly

50.5326, 0.3328, 0.3092

Tritanomaly

50.1839, 0.3593, 0.3081

Monochromacy



Original Color

50.3872, 0.3521, 0.2973

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.8777, 0.3268, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3872, 0.3521, 0.2973 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(239, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(239, 168, 197)  
}
```

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(239, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 168, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.3872, 0.3521, 0.2973 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(239, 168, 197) }
```

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

```
.border{ border-color:rgb(239, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(239, 168,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3872, 0.3521, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 168, 197) }
```

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

```
.background{ background-color: rgb(239,  
168, 197) }
```

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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