

Converting Colors

$Yxy(47.0851, 0.3573, 0.2961)$

Have a look what the booklet for
Yxy(47.0851, 0.3573, 0.2961)
contains.

Yxy(47.0842, 0.3564, 0.2957)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0842, 0.3564, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	ECA1BF
RGB	236, 161, 191
RGB Percent	93%, 63%, 75%
CMY	0.0744, 0.3687, 0.2509
CMYK	0.00, 0.32, 0.19, 0.07
HSL	336°, 66%, 78%
HSV	336°, 32%, 93%
XYZ	56.7494, 47.0842, 55.3960
YIQ	186.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

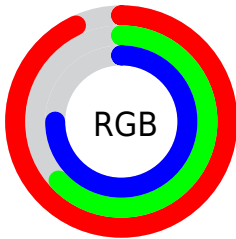
Format	Color
R _Y B	236, 161, 191
Decimal	15507903
CIE Lab	74.24, 32.05, -4.07
CIE LCh	74, 32.304, 352.762
Yxy	47.0842, 0.3564, 0.2957
Android (android.graphics.Color)	4293697983 (0xFFECA1BF)
YUV	186.8450, 2.0484, 43.1089
Hunter-Lab	68.6179, 27.5444, 0.1671

Details

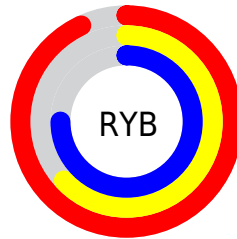
The Yxy color $47.0842, 0.3564, 0.2957$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $72.0405, 0.2831, 0.3652$, and the grayscale version is $49.5775, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0871, 0.3199, 0.2986$, and $22.1438, 0.3683, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $39.0081, 0.3765, 0.2850$, and if you desaturate by 10%, it is $56.7819, 0.3397, 0.3066$.

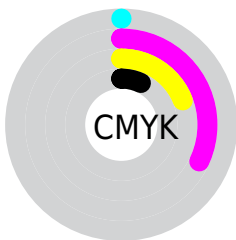
Distribution



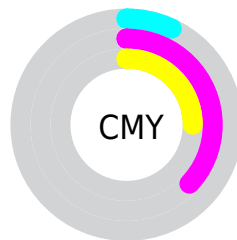
- Red (93%)
- Green (63%)
- Blue (75%)



- Red (93%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0842, 0.3564, 0.2957 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 47.0842, 0.3564, 0.2957 by changing the saturation by 10% instead.

 47.0842, 0.3564,
0.2957

 47.0842, 0.3564,
0.2957


375.1505, 0.3348,
0.3120

 33.1022, 0.3617,
0.2917

 85.8393, 0.3486,
0.3015

 22.2048, 0.3685,
0.2867


 111.3812, 0.3456,
0.3038

 14.0074, 0.3775,
0.2802


141.5452, 0.3431,
0.3056

 8.1258, 0.3899,
0.2712

176.7157, 0.3410,
0.3073

 4.1756, 0.4082,
0.2582

217.2771, 0.3391,
0.3087

 1.7723, 0.4374,
0.2380

263.6138, 0.3375,

 0.4698, 0.5050,

0.3099

0.1837

316.1101, 0.3361,
0.3110

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0842, 0.3564,
0.2957

47.0842, 0.3564,
0.2957

39.0081, 0.3765,
0.2850

56.7819, 0.3397,
0.3066

32.4574, 0.4001,
0.2752

68.1772, 0.3259,
0.3172

27.3361, 0.4272,
0.2674

81.3492, 0.3145,
0.3273

23.5342, 0.4570,
0.2629

96.1136, 0.3052,
0.3362

■ 20.9254, 0.4881,
0.2628

■ 96.5780, 0.3012,
0.3290

■ 19.3584, 0.5185,
0.2680

■ 18.6541, 0.5416,
0.2757

Harmonies

Analogous

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



47.0842, 0.3109, 0.2699



47.0842, 0.3564, 0.2957



47.0842, 0.3910, 0.3297

Triad

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



47.0842, 0.3564, 0.2957



47.0842, 0.3536, 0.4103



47.0842, 0.2302, 0.2827

Complementary

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



47.0842, 0.3564, 0.2957



72.0405, 0.2831, 0.3652

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.



47.0842, 0.2398, 0.3204



47.0842, 0.3564, 0.2957



47.0842, 0.3094, 0.3997

Square

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



47.0842, 0.3564, 0.2957



47.0842, 0.3883, 0.3959



47.0842, 0.2680, 0.3650



47.0842, 0.2404, 0.2611

Rectangle

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



47.0842, 0.3564, 0.2957



47.0842, 0.4018, 0.3539



47.0842, 0.2680, 0.3650



47.0842, 0.2312, 0.2938

Sweetspot

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



47.0864, 0.3564, 0.2957



83.8494, 0.3237, 0.3190



44.4894, 0.2901, 0.2436



17.4987, 0.3254, 0.3176



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.



47.0864, 0.3564, 0.2957



49.7733, 0.3688, 0.2888



48.1374, 0.3835, 0.3363



15.1539, 0.3230, 0.3196



10.3035, 0.5374, 0.2734



0.8276, 0.5008, 0.2532

Inverse Universe

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



47.0864, 0.3564, 0.2957



49.7733, 0.3688, 0.2888



70.1032, 0.2664, 0.3215



15.1539, 0.3230, 0.3196



10.3035, 0.5374, 0.2734



0.8276, 0.5008, 0.2532

Previews

White Background



This preview shows how the Yxy color 47.0842, 0.3564, 0.2957 looks on a white background.

Color Contrast Check

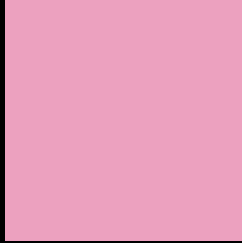
Large Text (above 18pt) WCAG AA × Fail

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 47.0842, 0.3564, 0.2957 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 47.0842, 0.3564, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 47.0842, 0.3564, 0.2957.



This preview shows how white text looks on a background with the Yxy color 47.0842, 0.3564, 0.2957.

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

47.0842, 0.3564, 0.2957

Protanopia

47.5188, 0.2943, 0.3011

Deuteranopia

47.0809, 0.3221, 0.3153



Tritanopia

47.1779, 0.3682, 0.3156

Trichromacy



Original Color

47.0842, 0.3564, 0.2957

Protanomaly

46.6750, 0.3150, 0.2985

Deuteranomaly

46.7970, 0.3344, 0.3075

Tritanomaly

47.1927, 0.3646, 0.3089

Monochromacy



Original Color

47.0842, 0.3564, 0.2957

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4508, 0.3281, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0842, 0.3564, 0.2957 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(236, 161, 191)` looks like.

```
.text, #text, p{  
    color:rgb(236, 161, 191)  
}
```

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(236, 161, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 161, 191) }
```

Border

The CSS property to change the border of an element to Yxy 47.0842, 0.3564, 0.2957 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(236, 161, 191) }
```

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

```
.border{ border-color:rgb(236, 161, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 161, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 161, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 161, 191); box-shadow:4px 4px 4px 4px rgb(236, 161, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0842, 0.3564, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 161, 191) }
```

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

```
.background{ background-color: rgb(236,  
161, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor