

Converting Colors

Yxy(33.4607, 0.3367, 0.2909)

Have a look what the booklet for
Yxy(33.4607, 0.3367, 0.2909)
contains.

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Color

Yxy(33.4927, 0.3365, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	C08EAB
RGB	192, 142, 171
RGB Percent	75%, 56%, 67%
CMY	0.2469, 0.4432, 0.3294
CMYK	0.00, 0.26, 0.11, 0.25
HSL	325°, 28%, 65%
HSV	325°, 26%, 75%
XYZ	38.7695, 33.4927, 42.9518
YIQ	160.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

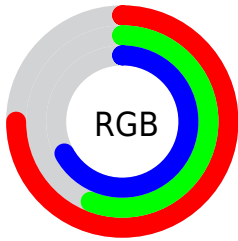
Format	Color
R_{YB}	192, 142, 171
Decimal	12619435
CIE _{Lab}	64.56, 23.58, -7.79
CIE _{LCh}	65, 24.832, 341.725
Yxy	33.4927, 0.3365, 0.2907
Android (android.graphics.Color)	4290809515 (0xFFC08EAB)
YUV	160.2560, 5.2968, 27.8395
Hunter-Lab	57.8729, 18.3010, -3.4925

Details

The Yxy color **33.4927, 0.3365, 0.2907** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.1113, 0.2945, 0.3708**, and the grayscale version is **35.2477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1106, 0.3322, 0.2982**, and **14.2174, 0.3439, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **27.9658, 0.3488, 0.2755**, and if you desaturate by 10%, it is **40.0259, 0.3261, 0.3059**.

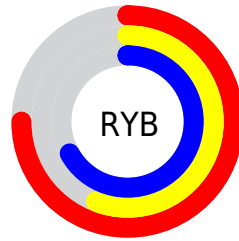
Distribution



Red (75%)

Green (56%)

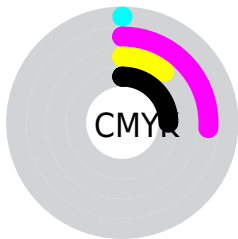
Blue (67%)



Red (75%)

Yellow (56%)

Blue (67%)

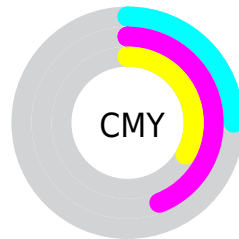


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4927, 0.3365, 0.2907 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 33.4927, 0.3365, 0.2907 by changing the saturation by 10% instead.

 33.4927, 0.3365,
0.2907


 33.4927, 0.3365,
0.2907


317.8641, 0.3242,
0.3103


 22.5042, 0.3397,
0.2857


 65.1440, 0.3320,
0.2979

 14.2278, 0.3438,
0.2791


 86.5755, 0.3303,
0.3006

 8.2793, 0.3495,
0.2702


 112.2569, 0.3289,
0.3029

 4.2742, 0.3577,
0.2575

142.5724, 0.3277,
0.3048

 1.8281, 0.3705,
0.2379

177.9064, 0.3266,
0.3065

 0.5046, 0.4010,
0.1884

218.6435, 0.3257,

 0.0000, 1.0000,

0.3079

0.0000

265.1679, 0.3249,
0.3092

0.0000, 0.0000,
0.0000

33.4927, 0.3365,
0.2907

33.4927, 0.3365,
0.2907

27.9658, 0.3488,
0.2755

40.0259, 0.3261,
0.3059

23.3897, 0.3630,
0.2608

47.6079, 0.3173,
0.3205

19.7108, 0.3792,
0.2475

56.2845, 0.3100,
0.3343

16.8679, 0.3971,
0.2368

66.0972, 0.3039,
0.3473

14.7924, 0.4162,
0.2298

77.0856, 0.2989,
0.3592

■ 13.4043, 0.4359,
0.2275

■ 87.8686, 0.2946,
0.3680

■ 12.6024, 0.4552,
0.2304

■ 88.3051, 0.2903,
0.3589

■ 12.3668, 0.4628,
0.2323

■ 88.7626, 0.2861,
0.3499

■ 89.2412, 0.2820,
0.3411

Harmonies

Analogous

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



33.4927, 0.2971, 0.2719



33.4927, 0.3365, 0.2907



33.4927, 0.3710, 0.3186

Triad

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



33.4927, 0.3365, 0.2907



33.4927, 0.3608, 0.3967



33.4927, 0.2420, 0.3001

Complementary

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



33.4927, 0.3365, 0.2907



46.1113, 0.2945, 0.3708

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.



33.4927, 0.2568, 0.3360



33.4927, 0.3365, 0.2907



33.4927, 0.3246, 0.3953

Square

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



33.4927, 0.3365, 0.2907



33.4927, 0.3849, 0.3789



33.4927, 0.2866, 0.3724



33.4927, 0.2446, 0.2754

Rectangle

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



33.4927, 0.3365, 0.2907



33.4927, 0.3854, 0.3396



33.4927, 0.2866, 0.3724



33.4927, 0.2450, 0.3112

Sweetspot

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



33.4942, 0.3365, 0.2907



83.2287, 0.3190, 0.3175



30.9195, 0.2873, 0.2593



17.3940, 0.3203, 0.3153



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.4942, 0.3365, 0.2907



55.0026, 0.3429, 0.2824



32.6340, 0.3630, 0.3235



10.1736, 0.3200, 0.3157



8.3335, 0.4606, 0.2311



0.3736, 0.4213, 0.2095

Inverse Universe

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



33.4942, 0.3365, 0.2907



55.0026, 0.3429, 0.2824



47.0914, 0.2777, 0.3347



10.1736, 0.3200, 0.3157



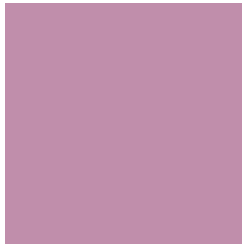
8.3335, 0.4606, 0.2311



0.3736, 0.4213, 0.2095

Previews

White Background



This preview shows how the Yxy color 33.4927, 0.3365, 0.2907 looks on a white background.

Color Contrast Check

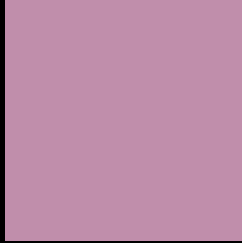
Large Text (above 18pt) WCAG AA × Fail

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 33.4927, 0.3365, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

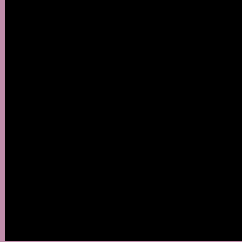
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4927, 0.3365, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 33.4927, 0.3365, 0.2907.



This preview shows how white text looks on a background with the Yxy color 33.4927, 0.3365, 0.2907.

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

33.4927, 0.3365, 0.2907

Protanopia

33.8445, 0.2891, 0.2941

Deuteranopia

33.4280, 0.3109, 0.3046



Tritanopia

33.5982, 0.3494, 0.3142

Trichromacy



Original Color

33.4927, 0.3365, 0.2907

Protanomaly

33.5230, 0.3046, 0.2923

Deuteranomaly

33.1960, 0.3192, 0.2983

Tritanomaly

33.5961, 0.3454, 0.3063

Monochromacy



Original Color

33.4927, 0.3365, 0.2907

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2335, 0.3214, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4927, 0.3365, 0.2907 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(192, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(192, 142, 171)  
}
```

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(192, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 142, 171) }
```

Border

The CSS property to change the border of an element to Yxy 33.4927, 0.3365, 0.2907 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(192, 142, 171) }
```

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

```
.border{ border-color:rgb(192, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(192, 142,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4927, 0.3365, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 142, 171) }
```

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

```
.background{ background-color: rgb(192,  
142, 171) }
```

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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