

Converting Colors

$Yxy(28.6332, 0.3187, 0.2499)$

Have a look what the booklet for
Yxy(28.6332, 0.3187, 0.2499)
contains.

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Color

Yxy(28.7348, 0.3186, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	BB7DB9
RGB	187, 125, 185
RGB Percent	73%, 49%, 73%
CMY	0.2665, 0.5099, 0.2745
CMYK	0.00, 0.33, 0.01, 0.27
HSL	302°, 31%, 61%
HSV	302°, 33%, 73%
XYZ	36.5904, 28.7348, 49.5222
YIQ	150.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

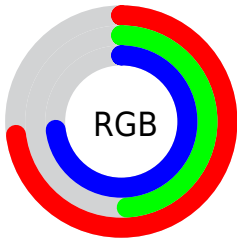
Format	Color
R _Y B	187, 125, 185
Decimal	12287417
CIE Lab	60.55, 33.79, -21.83
CIE LCh	61, 40.226, 327.133
Yxy	28.7348, 0.3186, 0.2502
Android (android.graphics.Color)	4290477497 (0xFFBB7DB9)
YUV	150.3780, 17.0686, 32.1175
Hunter-Lab	53.6049, 28.0346, -17.2509

Details

The Yxy color **28.7348, 0.3186, 0.2502** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4455, 0.3068, 0.4229**, and the grayscale version is **30.5895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8242, 0.3181, 0.2654**, and **11.6846, 0.3190, 0.2279** is the 20% darker color. If you saturate the color by 10%, you get **24.4131, 0.3205, 0.2276**, and if you desaturate by 10%, it is **33.9507, 0.3167, 0.2740**.

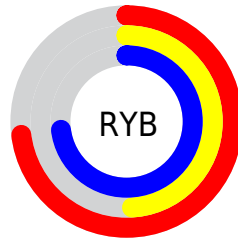
Distribution



Red (73%)

Green (49%)

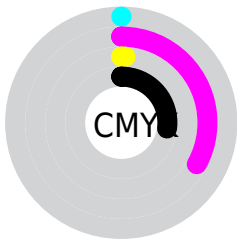
Blue (73%)



Red (73%)

Yellow (49%)

Blue (73%)

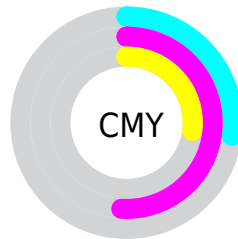


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7348, 0.3186, 0.2502 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 28.7348, 0.3186, 0.2502 by changing the saturation by 10% instead.


 28.7348, 0.3186,
0.2502


 28.7348, 0.3186,
0.2502


295.9616, 0.3165,
0.2901


 18.8803, 0.3188,
0.2402


 57.6555, 0.3180,
0.2648

 11.5838, 0.3189,
0.2273


 77.4904, 0.3178,
0.2702

 6.4610, 0.3187,
0.2102


 101.4210, 0.3175,
0.2748

 3.1273, 0.3176,
0.1866

129.8315, 0.3173,
0.2787

 1.1986, 0.3142,
0.1521

163.1065, 0.3170,
0.2821

 0.0605, 0.3293,
0.0226

201.6302, 0.3168,

 0.0000, 0.0000,

0.2851

0.0000

245.7871, 0.3167,
0.2877

■ 28.7348, 0.3186,
0.2502

■ 28.7348, 0.3186,
0.2502

■ 24.4131, 0.3205,
0.2276

■ 33.9507, 0.3167,
0.2740

■ 20.9316, 0.3224,
0.2071

■ 40.1033, 0.3149,
0.2980

■ 18.2365, 0.3242,
0.1896


■ 47.2369, 0.3132,
0.3217


■ 16.2661, 0.3258,
0.1758


■ 55.3918, 0.3117,
0.3444

■ 14.9495, 0.3273,
0.1662

■ 64.6062, 0.3103,
0.3659


 14.2015, 0.3285,
0.1608

 74.9163, 0.3090,
0.3858

 13.9025, 0.3292,
0.1587

 85.7748, 0.3079,
0.4033

 85.8014, 0.3076,
0.4026

 85.8280, 0.3072,
0.4019

Harmonies

Analogous

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



28.7348, 0.2567, 0.2296



28.7348, 0.3186, 0.2502



28.7348, 0.3854, 0.2873

Triad

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



28.7348, 0.3186, 0.2502



28.7348, 0.4146, 0.4284



28.7348, 0.2052, 0.3047

Complementary

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



28.7348, 0.3186, 0.2502



41.4455, 0.3068, 0.4229

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.



28.7348, 0.2399, 0.3726



28.7348, 0.3186, 0.2502



28.7348, 0.3603, 0.4500

Square

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



28.7348, 0.3186, 0.2502



28.7348, 0.4430, 0.3846



28.7348, 0.2962, 0.4310



28.7348, 0.1969, 0.2544

Rectangle

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



28.7348, 0.3186, 0.2502



28.7348, 0.4208, 0.3181



28.7348, 0.2962, 0.4310



28.7348, 0.2139, 0.3263

Sweetspot

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



28.7361, 0.3186, 0.2502



75.4558, 0.3144, 0.3052



22.6906, 0.2550, 0.2322



16.2345, 0.3146, 0.3018



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.7361, 0.3186, 0.2502



45.5170, 0.3200, 0.2332



27.5986, 0.3519, 0.2878



9.6908, 0.3143, 0.3071



9.5775, 0.3291, 0.1587



0.3769, 0.3270, 0.1575

Inverse Universe

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



28.7361, 0.3186, 0.2502



45.5170, 0.3200, 0.2332



42.3488, 0.2859, 0.3746



9.6908, 0.3143, 0.3071



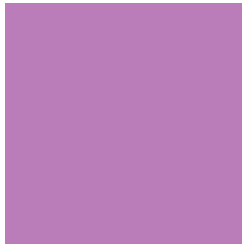
9.5775, 0.3291, 0.1587



0.3769, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 28.7348, 0.3186, 0.2502 looks on a white background.

Color Contrast Check

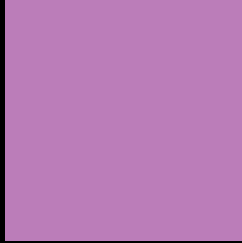
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7348, 0.3186, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

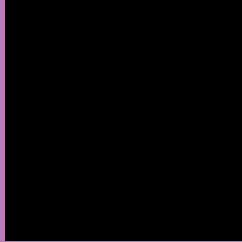
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7348, 0.3186, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 28.7348, 0.3186, 0.2502.



This preview shows how white text looks on a background with the Yxy color 28.7348, 0.3186, 0.2502.

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

28.7348, 0.3186, 0.2502

Protanopia

28.8159, 0.2535, 0.2477

Deuteranopia

28.8620, 0.2773, 0.2704



Tritanopia

28.7033, 0.3581, 0.3149

Trichromacy



Original Color

28.7348, 0.3186, 0.2502

Protanomaly

28.3657, 0.2742, 0.2474

Deuteranomaly

28.3981, 0.2913, 0.2613

Tritanomaly

28.6242, 0.3439, 0.2902

Monochromacy



Original Color

28.7348, 0.3186, 0.2502

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4806, 0.3142, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7348, 0.3186, 0.2502 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(187, 125, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 185)  
}
```

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(187, 125, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 185) }
```

Border

The CSS property to change the border of an element to Yxy 28.7348, 0.3186, 0.2502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

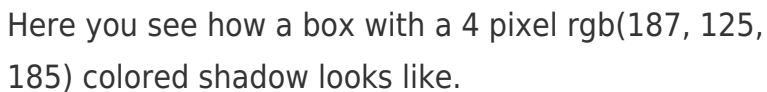
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 125, 185) }
```

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

```
.border{ border-color:rgb(187, 125, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 125, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 125, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 125, 185); box-shadow:4px 4px 4px 4px rgb(187, 125, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7348, 0.3186, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 185) }
```

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

```
.background{ background-color: rgb(187,  
125, 185) }
```

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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