

Converting Colors

$Y_{xy}(28.8579, 0.3655, 0.3098)$

Have a look what the booklet for
Yxy(28.8579, 0.3655, 0.3098)
contains.

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Color

Yxy(28.7977, 0.3658, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	BD8290
RGB	189, 130, 144
RGB Percent	74%, 51%, 56%
CMY	0.2588, 0.4902, 0.4353
CMYK	0.00, 0.31, 0.24, 0.26
HSL	346°, 31%, 63%
HSV	346°, 31%, 74%
XYZ	34.0032, 28.7977, 30.1549
YIQ	149.2370, 30.6700, 16.8620

Conversions

Conversions Part 2

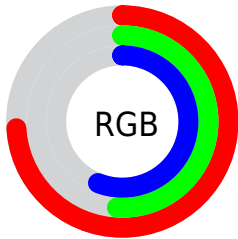
Format	Color
R_{YB}	189, 130, 144
Decimal	12419728
CIE _{Lab}	60.60, 24.76, 1.71
CIE _{LCh}	61, 24.822, 3.946
Yxy	28.7977, 0.3658, 0.3098
Android (android.graphics.Color)	4290609808 (0xFFBD8290)
YUV	149.2370, -2.5818, 34.8722
Hunter-Lab	53.6635, 19.1933, 4.2479

Details

The Yxy color **28.7977, 0.3658, 0.3098** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2361, 0.2775, 0.3494**, and the grayscale version is **30.1622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5370, 0.3544, 0.3131**, and **11.6138, 0.3834, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **23.8113, 0.3911, 0.3035**, and if you desaturate by 10%, it is **34.7666, 0.3450, 0.3162**.

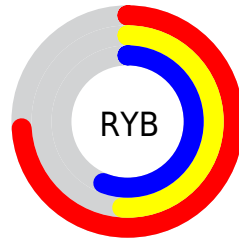
Distribution



Red (74%)

Green (51%)

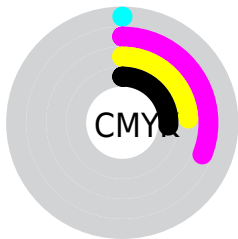
Blue (56%)



Red (74%)

Yellow (51%)

Blue (56%)

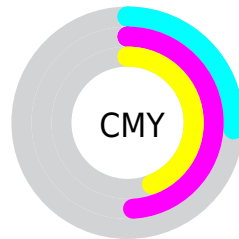


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7977, 0.3658, 0.3098 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 28.7977, 0.3658, 0.3098 by changing the saturation by 10% instead.


 28.7977, 0.3658,
0.3098


 28.7977, 0.3658,
0.3098


296.2593, 0.3371,
0.3203

 18.9278, 0.3738,
0.3068


 57.7555, 0.3548,
0.3139

 11.6181, 0.3846,
0.3028


 77.6123, 0.3508,
0.3153

 6.4842, 0.4000,
0.2969


 101.5667, 0.3475,
0.3165

 3.1417, 0.4236,
0.2878

130.0034, 0.3448,
0.3175

 1.2062, 0.4643,
0.2717

163.3066, 0.3424,
0.3184

 0.0667, 0.9092,
0.0908

201.8607, 0.3404,

 0.0000, 0.0000,

0.3191

0.0000

246.0501, 0.3386,
0.3198

■ 28.7977, 0.3658,
0.3098

■ 28.7977, 0.3658,
0.3098

■ 23.8113, 0.3911,
0.3035

■ 34.7666, 0.3450,
0.3162

■ 19.7505, 0.4214,
0.2979

■ 41.7626, 0.3280,
0.3225

■ 16.5590, 0.4563,
0.2937


■ 49.8326, 0.3142,
0.3283


■ 14.1725, 0.4948,
0.2920

■ 59.0193, 0.3030,
0.3337

■ 12.5178, 0.5342,
0.2937


■ 69.3633, 0.2939,
0.3387

 11.5082, 0.5705,
0.2993

 80.9028, 0.2864,
0.3433

 11.0072, 0.5972,
0.3064

 88.9254, 0.2797,
0.3397

 89.5587, 0.2747,
0.3289

Harmonies

Analogous

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



28.7977, 0.3269, 0.2827



28.7977, 0.3658, 0.3098



28.7977, 0.3902, 0.3424

Triad

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



28.7977, 0.3658, 0.3098



28.7977, 0.3356, 0.4015



28.7977, 0.2388, 0.2779

Complementary

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



28.7977, 0.3658, 0.3098



44.2361, 0.2775, 0.3494

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.



28.7977, 0.2409, 0.3075



28.7977, 0.3658, 0.3098



28.7977, 0.2951, 0.3829

Square

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



28.7977, 0.3658, 0.3098



28.7977, 0.3714, 0.3969



28.7977, 0.2608, 0.3468



28.7977, 0.2548, 0.2640

Rectangle

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



28.7977, 0.3658, 0.3098



28.7977, 0.3941, 0.3641



28.7977, 0.2608, 0.3468



28.7977, 0.2375, 0.2862

Sweetspot

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



28.7990, 0.3658, 0.3098



77.6293, 0.3249, 0.3237



28.6680, 0.3010, 0.2489



16.2633, 0.3271, 0.3228



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.



28.7990, 0.3658, 0.3098



45.6854, 0.3814, 0.3058



32.6060, 0.3763, 0.3496



9.5725, 0.3252, 0.3236



7.4162, 0.5941, 0.3047



0.3011, 0.5250, 0.2666

Inverse Universe

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



28.7990, 0.3658, 0.3098



45.6854, 0.3814, 0.3058



38.7893, 0.2660, 0.3073



9.5725, 0.3252, 0.3236



7.4162, 0.5941, 0.3047



0.3011, 0.5250, 0.2666

Previews

White Background



This preview shows how the Yxy color 28.7977, 0.3658, 0.3098 looks on a white background.

Color Contrast Check

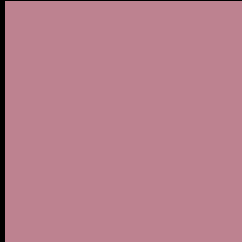
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7977, 0.3658, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

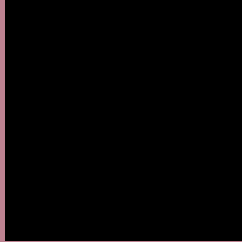
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7977, 0.3658, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 28.7977, 0.3658, 0.3098.



This preview shows how white text looks on a background with the Yxy color 28.7977, 0.3658, 0.3098.

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

28.7977, 0.3658, 0.3098

Protanopia

29.0607, 0.3071, 0.3180

Deuteranopia

28.9804, 0.3345, 0.3291



Tritanopia

28.9745, 0.3690, 0.3153

Trichromacy



Original Color

28.7977, 0.3658, 0.3098

Protanomaly

28.6396, 0.3264, 0.3139

Deuteranomaly

28.9308, 0.3454, 0.3217

Tritanomaly

29.0044, 0.3679, 0.3139

Monochromacy



Original Color

28.7977, 0.3658, 0.3098

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3451, 0.3314, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7977, 0.3658, 0.3098 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(189, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(189, 130, 144)  
}
```

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(189, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 130, 144) }
```

Border

The CSS property to change the border of an element to Yxy 28.7977, 0.3658, 0.3098 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(189, 130, 144) }
```

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

```
.border{ border-color:rgb(189, 130, 144) }
```

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

Here you see how a box with a 4 pixel rgb(189, 130, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(189, 130,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7977, 0.3658, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 130, 144) }
```

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

```
.background{ background-color: rgb(189,  
130, 144) }
```

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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