

Converting Colors

$Yxy(28.0487, 0.3684, 0.3220)$

Have a look what the booklet for
Yxy(28.0487, 0.3684, 0.3220)
contains.

Yxy(28.0775, 0.3680, 0.3220)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.0775, 0.3680, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	B78388
RGB	183, 131, 136
RGB Percent	72%, 51%, 53%
CMY	0.2824, 0.4862, 0.4666
CMYK	0.00, 0.28, 0.26, 0.28
HSL	354°, 27%, 62%
HSV	354°, 28%, 72%
XYZ	32.0886, 28.0775, 27.0311
YIQ	147.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

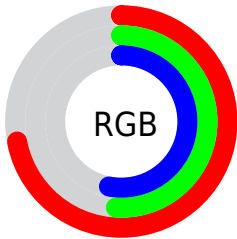
Format	Color
RYB	183, 131, 136
Decimal	12026760
CIELab	59.96, 20.75, 5.26
CIELCh	60, 21.405, 14.237
Yxy	28.0775, 0.3680, 0.3220
Android (android.graphics.Color)	4290216840 (0xFFB78388)
YUV	147.1180, -5.4812, 31.4685
Hunter-Lab	52.9882, 15.3666, 6.8458

Details

The Yxy color **28.0775, 0.3680, 0.3220** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9020, 0.2755, 0.3363**, and the grayscale version is **29.2441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4804, 0.3568, 0.3237**, and **11.2239, 0.3891, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **23.1551, 0.3968, 0.3195**, and if you desaturate by 10%, it is **33.9432, 0.3446, 0.3246**.

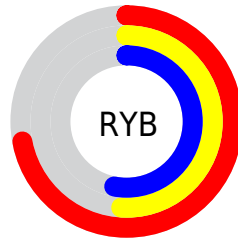
Distribution



Red (72%)

Green (51%)

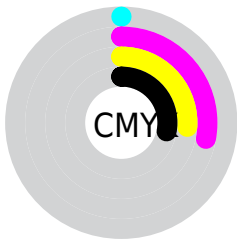
Blue (53%)



Red (72%)

Yellow (51%)

Blue (53%)

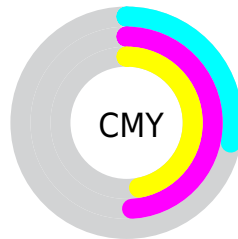


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (28%)



Cyan (28%)


Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0775, 0.3680, 0.3220 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 28.0775, 0.3680, 0.3220 by changing the saturation by 10% instead.


 28.0775, 0.3680,
0.3220


 28.0775, 0.3680,
0.3220


292.8371, 0.3378,
0.3262


 18.3841, 0.3765,
0.3207


 56.6082, 0.3564,
0.3237

 11.2261, 0.3880,
0.3187


 76.2142, 0.3522,
0.3243

 6.2191, 0.4046,
0.3157


 99.8932, 0.3488,
0.3248

 2.9788, 0.4303,
0.3106

128.0296, 0.3459,
0.3252

 1.1207, 0.4760,
0.3007

161.0078, 0.3434,
0.3255

 0.0000, 1.0000,
0.0000

199.2122, 0.3413,

 0.0000, 0.0000,


0.3258


0.0000


243.0271, 0.3395,
0.3260


 28.0775, 0.3680,
0.3220


 28.0775, 0.3680,
0.3220

 23.1551, 0.3968,
0.3195


 33.9432, 0.3446,
0.3246


 19.1229, 0.4315,
0.3172


 40.7935, 0.3257,
0.3270

 15.9290, 0.4720,
0.3157

 48.6724, 0.3105,
0.3294

 13.5141, 0.5163,
0.3153


 57.6198, 0.2983,
0.3315

 11.8114, 0.5605,
0.3165

 67.6734, 0.2883,
0.3334

 10.7429, 0.5987,
0.3195

 78.8694, 0.2802,
0.3351

 10.1810, 0.6255,
0.3235

 88.5984, 0.2732,
0.3324

 10.1088, 0.6289,
0.3238

 88.8061, 0.2716,
0.3289

Harmonies

Analogous

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



28.0775, 0.3375, 0.2957



28.0775, 0.3680, 0.3220



28.0775, 0.3829, 0.3512

Triad

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



28.0775, 0.3680, 0.3220



28.0775, 0.3208, 0.3883



28.0775, 0.2510, 0.2787

Complementary

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



28.0775, 0.3680, 0.3220



41.9020, 0.2755, 0.3363

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.



28.0775, 0.2473, 0.3004



28.0775, 0.3680, 0.3220



28.0775, 0.2863, 0.3660

Square

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



28.0775, 0.3680, 0.3220



28.0775, 0.3544, 0.3915



28.0775, 0.2598, 0.3326



28.0775, 0.2702, 0.2710

Rectangle

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



28.0775, 0.3680, 0.3220



28.0775, 0.3816, 0.3691



28.0775, 0.2598, 0.3326



28.0775, 0.2480, 0.2844

Sweetspot

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



28.0788, 0.3680, 0.3220



72.0981, 0.3270, 0.3269



29.0932, 0.3105, 0.2583



15.5098, 0.3295, 0.3265



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



28.0788, 0.3680, 0.3220



44.6734, 0.3850, 0.3204



34.0966, 0.3660, 0.3584



9.0259, 0.3273, 0.3268



7.0577, 0.6272, 0.3229



0.2535, 0.5830, 0.2985

Inverse Universe

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



28.0788, 0.3680, 0.3220



44.6734, 0.3850, 0.3204



34.1544, 0.2689, 0.2976



9.0259, 0.3273, 0.3268



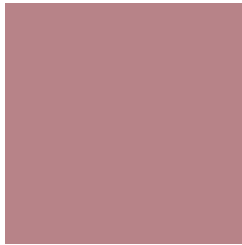
7.0577, 0.6272, 0.3229



0.2535, 0.5830, 0.2985

Previews

White Background



This preview shows how the Yxy color 28.0775, 0.3680, 0.3220 looks on a white background.

Color Contrast Check

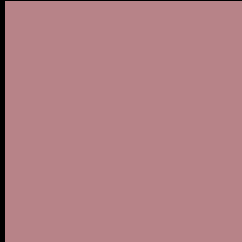
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0775, 0.3680, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

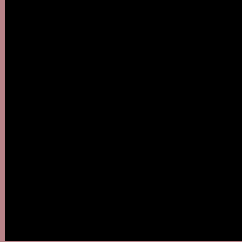
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0775, 0.3680, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 28.0775, 0.3680, 0.3220.



This preview shows how white text looks on a background with the Yxy color 28.0775, 0.3680, 0.3220.

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

28.0775, 0.3680, 0.3220

Protanopia

28.2256, 0.3179, 0.3306

Deuteranopia

28.2639, 0.3446, 0.3383



Tritanopia

27.9260, 0.3636, 0.3149

Trichromacy



Original Color

28.0775, 0.3680, 0.3220

Protanomaly

27.9358, 0.3361, 0.3275

Deuteranomaly

28.1866, 0.3523, 0.3321

Tritanomaly

27.8966, 0.3648, 0.3163

Monochromacy



Original Color

28.0775, 0.3680, 0.3220

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5065, 0.3314, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0775, 0.3680, 0.3220 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(183, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(183, 131, 136)  
}
```

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(183, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 131, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.0775, 0.3680, 0.3220 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(183, 131, 136) }
```

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

```
.border{ border-color:rgb(183, 131, 136) }
```

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

Here you see how a box with a 4 pixel rgb(183, 131, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(183, 131,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0775, 0.3680, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 131, 136) }
```

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

```
.background{ background-color: rgb(183,  
131, 136) }
```

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