

Converting Colors

$Y_{xy}(28.3142, 0.3762, 0.3265)$

Have a look what the booklet for
Yxy(28.3142, 0.3762, 0.3265)
contains.

Yxy(28.3652, 0.3751, 0.3264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.3652, 0.3751, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	BA8385
RGB	186, 131, 133
RGB Percent	73%, 51%, 52%
CMY	0.2706, 0.4862, 0.4785
CMYK	0.00, 0.30, 0.29, 0.27
HSL	358°, 28%, 62%
HSV	358°, 30%, 73%
XYZ	32.5974, 28.3652, 25.9406
YIQ	147.6730, 32.1380, 12.2820

Conversions

Conversions Part 2

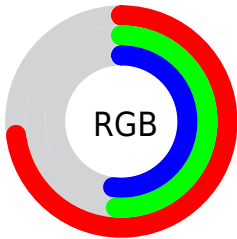
Format	Color
RYB	186, 131, 133
Decimal	12223365
CIELab	60.22, 21.46, 7.42
CIElCh	60, 22.712, 19.079
Yxy	28.3652, 0.3751, 0.3264
Android (android.graphics.Color)	4290413445 (0xFFBA8385)
YUV	147.6730, -7.2338, 33.6128
Hunter-Lab	53.2590, 16.0484, 8.4032

Details

The Yxy color **28.3652, 0.3751, 0.3264** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4026, 0.2719, 0.3317**, and the grayscale version is **29.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8808, 0.3620, 0.3270**, and **11.3502, 0.3961, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **23.3564, 0.4068, 0.3255**, and if you desaturate by 10%, it is **34.3581, 0.3493, 0.3273**.

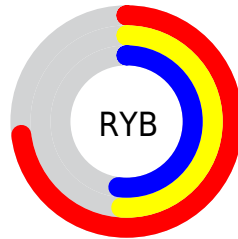
Distribution



Red (73%)

Green (51%)

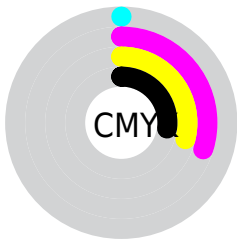
Blue (52%)



Red (73%)

Yellow (51%)

Blue (52%)

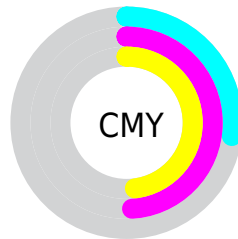


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3652, 0.3751, 0.3264 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 28.3652, 0.3751, 0.3264 by changing the saturation by 10% instead.


 28.3652, 0.3751,
0.3264


 28.3652, 0.3751,
0.3264


294.2079, 0.3411,
0.3284

 18.6011, 0.3847,
0.3256


 57.0670, 0.3620,
0.3273

 11.3824, 0.3976,
0.3243


 76.7735, 0.3573,
0.3276

 6.3247, 0.4162,
0.3222


 100.5629, 0.3534,
0.3278

 3.0435, 0.4450,
0.3181

128.8197, 0.3501,
0.3280

 1.1545, 0.4975,
0.3107

161.9281, 0.3474,
0.3282

 0.0241, 0.9579,
0.0421

200.2728, 0.3450,

 0.0000, 0.0000,

0.3283

0.0000

244.2379, 0.3429,
0.3283

■ 28.3652, 0.3751,
0.3264

■ 28.3652, 0.3751,
0.3264

■ 23.3564, 0.4068,
0.3255

■ 34.3581, 0.3493,
0.3273

■ 19.2754, 0.4448,
0.3248

■ 41.3795, 0.3287,
0.3282

■ 16.0665, 0.4886,
0.3244

■ 49.4759, 0.3121,
0.3290

■ 13.6660, 0.5353,
0.3245

■ 58.6899, 0.2987,
0.3298

■ 12.0021, 0.5796,
0.3253

■ 69.0616, 0.2880,
0.3305

■ 10.9900, 0.6145,
0.3268

■ 80.6294, 0.2793,
0.3311

■ 10.4723, 0.6356,
0.3279

■ 89.1783, 0.2731,
0.3289

■ 10.4529, 0.6363,
0.3279

Harmonies

Analogous

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



28.3652, 0.3448, 0.2979



28.3652, 0.3751, 0.3264



28.3652, 0.3875, 0.3570

Triad

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



28.3652, 0.3751, 0.3264



28.3652, 0.3150, 0.3893



28.3652, 0.2499, 0.2735

Complementary

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



28.3652, 0.3751, 0.3264



43.4026, 0.2719, 0.3317

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.



28.3652, 0.2432, 0.2941



28.3652, 0.3751, 0.3264



28.3652, 0.2794, 0.3630

Square

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



28.3652, 0.3751, 0.3264



28.3652, 0.3515, 0.3960



28.3652, 0.2536, 0.3268



28.3652, 0.2724, 0.2681

Rectangle

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



28.3652, 0.3751, 0.3264



28.3652, 0.3838, 0.3753



28.3652, 0.2536, 0.3268



28.3652, 0.2458, 0.2787

Sweetspot

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



28.3665, 0.3751, 0.3264



75.5758, 0.3279, 0.3282



29.8774, 0.3132, 0.2559



16.2036, 0.3306, 0.3281



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.



28.3665, 0.3751, 0.3264



45.7480, 0.3934, 0.3259



35.7712, 0.3677, 0.3634



9.0173, 0.3282, 0.3282



7.0353, 0.6354, 0.3274



0.2498, 0.6172, 0.3174

Inverse Universe

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



28.3665, 0.3751, 0.3264



45.7480, 0.3934, 0.3259



33.9485, 0.2666, 0.2918



9.0173, 0.3282, 0.3282



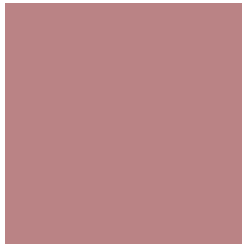
7.0353, 0.6354, 0.3274



0.2498, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 28.3652, 0.3751, 0.3264 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 28.3652, 0.3751, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

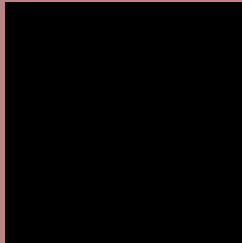
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3652, 0.3751, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 28.3652, 0.3751, 0.3264.



This preview shows how white text looks on a background with the Yxy color 28.3652, 0.3751, 0.3264.

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

28.3652, 0.3751, 0.3264

Protanopia

28.5338, 0.3219, 0.3370

Deuteranopia

28.3942, 0.3501, 0.3429



Tritanopia

28.4235, 0.3683, 0.3152

Trichromacy



Original Color

28.3652, 0.3751, 0.3264

Protanomaly

28.2437, 0.3402, 0.3337

Deuteranomaly

28.4415, 0.3591, 0.3366

Tritanomaly

28.3362, 0.3718, 0.3194

Monochromacy



Original Color

28.3652, 0.3751, 0.3264

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.0106, 0.3334, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3652, 0.3751, 0.3264 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(186, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(186, 131, 133)  
}
```

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(186, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 131, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.3652, 0.3751, 0.3264 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(186, 131, 133) }
```

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

```
.border{ border-color:rgb(186, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(186, 131,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3652, 0.3751, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 131, 133) }
```

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

```
.background{ background-color: rgb(186,  
131, 133) }
```

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