

Converting Colors

$Y_{xy}(28.8850, 0.3685, 0.3220)$

Have a look what the booklet for
Yxy(28.8850, 0.3685, 0.3220)
contains.

Yxy(29.0491, 0.3684, 0.3221)	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(29.0491, 0.3684, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	BA858A
RGB	186, 133, 138
RGB Percent	73%, 52%, 54%
CMY	0.2706, 0.4784, 0.4587
CMYK	0.00, 0.28, 0.26, 0.27
HSL	354°, 28%, 63%
HSV	354°, 28%, 73%
XYZ	33.2247, 29.0491, 27.9127
YIQ	149.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

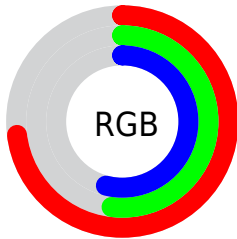
Format	Color
R_{YB}	186, 133, 138
Decimal	12223882
CIE _{Lab}	60.82, 21.08, 5.41
CIE _{LCh}	61, 21.758, 14.386
Yxy	29.0491, 0.3684, 0.3221
Android (android.graphics.Color)	4290413962 (0xFFBA858A)
YUV	149.4170, -5.6286, 32.0833
Hunter-Lab	53.8972, 15.7155, 7.0224

Details

The Yxy color **29.0491, 0.3684, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4355, 0.2753, 0.3362**, and the grayscale version is **30.2557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9341, 0.3572, 0.3237**, and **11.7966, 0.3892, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **23.9498, 0.3974, 0.3196**, and if you desaturate by 10%, it is **35.1284, 0.3449, 0.3246**.

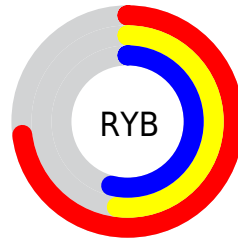
Distribution



Red (73%)

Green (52%)

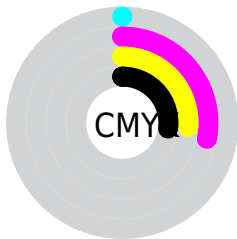
Blue (54%)



Red (73%)

Yellow (52%)

Blue (54%)

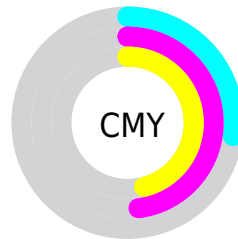


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0491, 0.3684, 0.3221 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 29.0491, 0.3684, 0.3221 by changing the saturation by 10% instead.


 29.0491, 0.3684,
0.3221

 29.0491, 0.3684,
0.3221


297.4466, 0.3382,
0.3263

 19.1180, 0.3768,
0.3208


 58.1551, 0.3568,
0.3238

 11.7555, 0.3883,
0.3189


 78.0987, 0.3526,
0.3244

 6.5775, 0.4046,
0.3160


 102.1487, 0.3492,
0.3248

 3.1993, 0.4297,
0.3110

130.6893, 0.3463,
0.3252

 1.2366, 0.4731,
0.3012

164.1050, 0.3438,
0.3255

 0.0913, 0.8681,
0.1319

202.7802, 0.3417,

 0.0000, 0.0000,


0.3258

0.0000

247.0992, 0.3398,
0.3261

 29.0491, 0.3684,
0.3221

 29.0491, 0.3684,
0.3221


 23.9498, 0.3974,
0.3196


 35.1284, 0.3449,
0.3246

 19.7755, 0.4323,
0.3174


 42.2309, 0.3259,
0.3271


 16.4717, 0.4729,
0.3159

 50.4023, 0.3106,
0.3293

 13.9769, 0.5174,
0.3155

 59.6842, 0.2983,
0.3314

 12.2212, 0.5617,
0.3168

 70.1161, 0.2883,
0.3333

■ 11.1232, 0.5997,
0.3198

■ 81.7353, 0.2802,
0.3350

■ 10.5502, 0.6262,
0.3237

■ 89.1779, 0.2731,
0.3289

■ 10.4804, 0.6293,
0.3241

Harmonies

Analogous

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



29.0491, 0.3378, 0.2957



29.0491, 0.3684, 0.3221



29.0491, 0.3833, 0.3514

Triad

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



29.0491, 0.3684, 0.3221



29.0491, 0.3207, 0.3885



29.0491, 0.2508, 0.2784

Complementary

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



29.0491, 0.3684, 0.3221



43.4355, 0.2753, 0.3362

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.



29.0491, 0.2470, 0.3001



29.0491, 0.3684, 0.3221



29.0491, 0.2860, 0.3660

Square

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



29.0491, 0.3684, 0.3221



29.0491, 0.3545, 0.3918



29.0491, 0.2594, 0.3325



29.0491, 0.2702, 0.2708

Rectangle

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



29.0491, 0.3684, 0.3221



29.0491, 0.3819, 0.3694



29.0491, 0.2594, 0.3325



29.0491, 0.2477, 0.2841

Sweetspot

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



29.0505, 0.3684, 0.3221



75.6448, 0.3270, 0.3269



30.1080, 0.3105, 0.2580



16.2209, 0.3296, 0.3266



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.



29.0505, 0.3684, 0.3221



46.8392, 0.3853, 0.3206



35.3087, 0.3662, 0.3585



9.0257, 0.3273, 0.3269



7.0569, 0.6274, 0.3230



0.2534, 0.5839, 0.2990

Inverse Universe

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



29.0505, 0.3684, 0.3221



46.8392, 0.3853, 0.3206



35.3687, 0.2687, 0.2974



9.0257, 0.3273, 0.3269



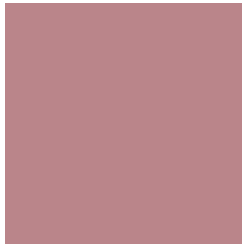
7.0569, 0.6274, 0.3230



0.2534, 0.5839, 0.2990

Previews

White Background



This preview shows how the Yxy color 29.0491, 0.3684, 0.3221 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 29.0491, 0.3684, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

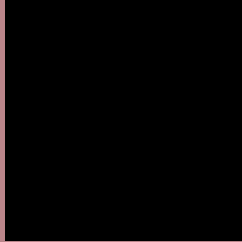
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0491, 0.3684, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 29.0491, 0.3684, 0.3221.



This preview shows how white text looks on a background with the Yxy color 29.0491, 0.3684, 0.3221.

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

29.0491, 0.3684, 0.3221

Protanopia

29.0861, 0.3179, 0.3306

Deuteranopia

29.1229, 0.3441, 0.3382



Tritanopia

28.8946, 0.3641, 0.3151

Trichromacy



Original Color

29.0491, 0.3684, 0.3221

Protanomaly

28.7893, 0.3358, 0.3275

Deuteranomaly

29.1556, 0.3529, 0.3321

Tritanomaly

28.8647, 0.3653, 0.3165

Monochromacy



Original Color

29.0491, 0.3684, 0.3221

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3706, 0.3312, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0491, 0.3684, 0.3221 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, 133, 138)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 138)  
}
```

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, 133, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 138) }
```

Border

The CSS property to change the border of an element to Yxy 29.0491, 0.3684, 0.3221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

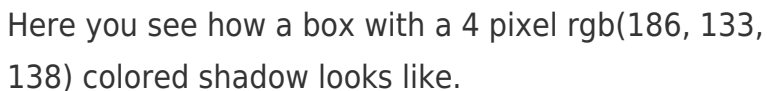
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 133, 138) }
```

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

```
.border{ border-color:rgb(186, 133, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 133, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 133, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 133, 138); box-shadow:4px 4px 4px 4px rgb(186, 133, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0491, 0.3684, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 138) }
```

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

```
.background{ background-color: rgb(186,  
133, 138) }
```

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