

Converting Colors

$Y_{xy}(27.9210, 0.3693, 0.3306)$

Have a look what the booklet for
Yxy(27.9210, 0.3693, 0.3306)
contains.

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Color

Yxy(27.8445, 0.3701, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	B48483
RGB	180, 132, 131
RGB Percent	71%, 52%, 51%
CMY	0.2941, 0.4823, 0.4862
CMYK	0.00, 0.27, 0.27, 0.29
HSL	1°, 25%, 61%
HSV	1°, 27%, 71%
XYZ	31.1714, 27.8445, 25.2083
YIQ	146.2380, 28.9290, 9.8650

Conversions

Conversions Part 2

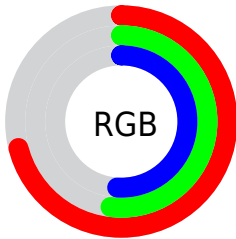
Format	Color
RYB	180, 132, 131
Decimal	11830403
CIELab	59.75, 18.31, 7.79
CIELCh	60, 19.896, 23.058
Yxy	27.8445, 0.3701, 0.3306
Android (android.graphics.Color)	4290020483 (0xFFB48483)
YUV	146.2380, -7.5123, 29.6093
Hunter-Lab	52.7679, 13.1008, 8.6135

Details

The Yxy color **27.8445, 0.3701, 0.3306** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3667, 0.2735, 0.3274**, and the grayscale version is **28.8708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1631, 0.3582, 0.3302**, and **11.0794, 0.3906, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **23.0135, 0.4010, 0.3312**, and if you desaturate by 10%, it is **33.5715, 0.3450, 0.3300**.

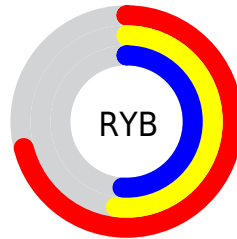
Distribution



Red (71%)

Green (52%)

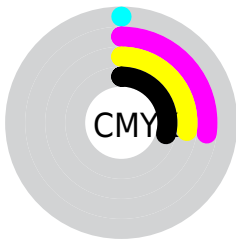
Blue (51%)



Red (71%)

Yellow (52%)

Blue (51%)

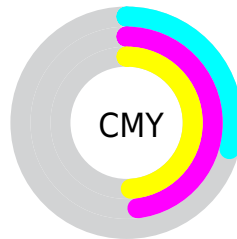


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8445, 0.3701, 0.3306 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 27.8445, 0.3701, 0.3306 by changing the saturation by 10% instead.


 27.8445, 0.3701,
0.3306


 27.8445, 0.3701,
0.3306


291.7231, 0.3387,
0.3303

 18.2085, 0.3790,
0.3304


 56.2361, 0.3580,
0.3306

 11.0998, 0.3910,
0.3301


 75.7604, 0.3536,
0.3306

 6.1340, 0.4084,
0.3292

 99.3497, 0.3501,
0.3306

 2.9267, 0.4354,
0.3271

127.3882, 0.3471,
0.3305

 1.0936, 0.4880,
0.3248

160.2604, 0.3445,
0.3305

 0.0000, 1.0000,
0.0000

198.3507, 0.3423,

 0.0000, 0.0000,

0.3304

0.0000

242.0435, 0.3404,
0.3303

■ 27.8445, 0.3701,
0.3306

■ 27.8445, 0.3701,
0.3306

■ 23.0135, 0.4010,
0.3312

■ 33.5715, 0.3450,
0.3300

■ 19.0295, 0.4384,
0.3318

■ 40.2324, 0.3248,
0.3294

■ 15.8450, 0.4816,
0.3323


■ 47.8678, 0.3085,
0.3289


■ 13.4060, 0.5285,
0.3325


■ 56.5146, 0.2955,
0.3284


■ 11.6518, 0.5739,
0.3324


■ 66.2079, 0.2849,
0.3279

 10.5125, 0.6108,
0.3318

 76.9810, 0.2763,
0.3276

 9.9001, 0.6336,
0.3311

 88.4436, 0.2701,
0.3289

 9.7826, 0.6386,
0.3312

Harmonies

Analogous

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



27.8445, 0.3452, 0.3045



27.8445, 0.3701, 0.3306



27.8445, 0.3786, 0.3576

Triad

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



27.8445, 0.3701, 0.3306



27.8445, 0.3106, 0.3796



27.8445, 0.2589, 0.2785

Complementary

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



27.8445, 0.3701, 0.3306



40.3667, 0.2735, 0.3274

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.



27.8445, 0.2509, 0.2953



27.8445, 0.3701, 0.3306



27.8445, 0.2797, 0.3549

Square

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



27.8445, 0.3701, 0.3306



27.8445, 0.3432, 0.3882



27.8445, 0.2583, 0.3231



27.8445, 0.2807, 0.2752

Rectangle

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



27.8445, 0.3701, 0.3306



27.8445, 0.3738, 0.3730



27.8445, 0.2583, 0.3231



27.8445, 0.2546, 0.2826

Sweetspot

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



27.8458, 0.3701, 0.3306



71.7635, 0.3265, 0.3294



29.2016, 0.3167, 0.2635



15.1028, 0.3292, 0.3295



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.8458, 0.3701, 0.3306



44.7441, 0.3890, 0.3310



35.2284, 0.3612, 0.3649



8.5319, 0.3287, 0.3295



6.8394, 0.6382, 0.3314



0.2243, 0.6305, 0.3376

Inverse Universe

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



40.3667, 0.2735, 0.3274



71.4591, 0.2655, 0.3270



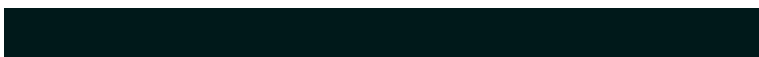
31.4615, 0.2699, 0.2901



9.6015, 0.2986, 0.3285



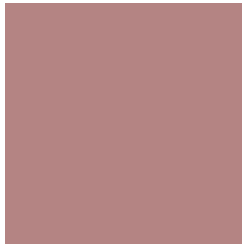
24.0829, 0.2230, 0.3227



0.7670, 0.2235, 0.3245

Previews

White Background



This preview shows how the Yxy color 27.8445, 0.3701, 0.3306 looks on a white background.

Color Contrast Check

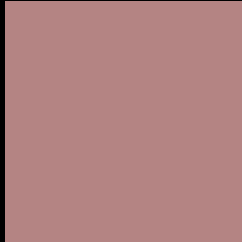
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8445, 0.3701, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

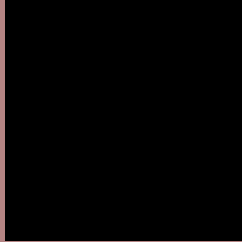
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8445, 0.3701, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 27.8445, 0.3701, 0.3306.



This preview shows how white text looks on a background with the Yxy color 27.8445, 0.3701, 0.3306.

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

27.8445, 0.3701, 0.3306

Protanopia

28.0486, 0.3240, 0.3403

Deuteranopia

27.8635, 0.3492, 0.3430



Tritanopia

27.9794, 0.3598, 0.3148

Trichromacy



Original Color

27.8445, 0.3701, 0.3306

Protanomaly

27.9790, 0.3401, 0.3368

Deuteranomaly

27.6550, 0.3571, 0.3382

Tritanomaly

27.8625, 0.3645, 0.3205

Monochromacy



Original Color

27.8445, 0.3701, 0.3306

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2419, 0.3313, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8445, 0.3701, 0.3306 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(180, 132, 131)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 131)  
}
```

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(180, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 131) }
```

Border

The CSS property to change the border of an element to Yxy 27.8445, 0.3701, 0.3306 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(180, 132, 131) }
```

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

```
.border{ border-color:rgb(180, 132, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 132, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(180, 132,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8445, 0.3701, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 131) }
```

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

```
.background{ background-color: rgb(180,  
132, 131) }
```

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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