

Converting Colors

$Y_{xy}(27.9819, 0.3845, 0.3228)$

Have a look what the booklet for
Yxy(27.9819, 0.3845, 0.3228)
contains.

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Color

Yxy(27.9211, 0.3837, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	BF7F84
RGB	191, 127, 132
RGB Percent	75%, 50%, 52%
CMY	0.2510, 0.5019, 0.4823
CMYK	0.00, 0.34, 0.31, 0.25
HSL	355°, 33%, 62%
HSV	355°, 34%, 75%
XYZ	33.2402, 27.9211, 25.4694
YIQ	146.7060, 36.5390, 15.1230

Conversions

Conversions Part 2

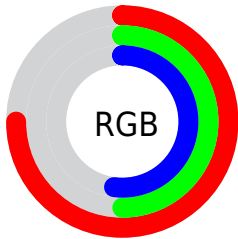
Format	Color
R_{YB}	191, 127, 132
Decimal	12550020
CIE _{Lab}	59.82, 25.47, 7.49
CIE _{LCh}	60, 26.551, 16.384
Yxy	27.9211, 0.3837, 0.3223
Android (android.graphics.Color)	4290740100 (0xFFBF7F84)
YUV	146.7060, -7.2501, 38.8458
Hunter-Lab	52.8404, 19.8179, 8.4101

Details

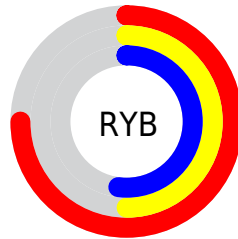
The Yxy color $27.9211, 0.3837, 0.3223$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $45.3186, 0.2688, 0.3361$, and the grayscale version is $29.0700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.2850, 0.3690, 0.3238$, and $11.1665, 0.4092, 0.3180$ is the 20% darker color. If you saturate the color by 10%, you get $23.0054, 0.4164, 0.3204$, and if you desaturate by 10%, it is $33.8560, 0.3569, 0.3244$.

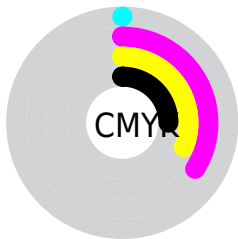
Distribution



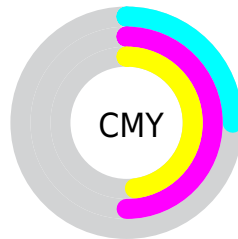
- Red (75%)
- Green (50%)
- Blue (52%)



- Red (75%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (25%)





- Cyan (25%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9211, 0.3837, 0.3223 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 27.9211, 0.3837, 0.3223 by changing the saturation by 10% instead.


 27.9211, 0.3837,
0.3223


 27.9211, 0.3837,
0.3223


292.0897, 0.3449,
0.3267


 18.2662, 0.3946,
0.3208


 56.3585, 0.3687,
0.3242

 11.1413, 0.4095,
0.3185


 75.9097, 0.3634,
0.3248

 6.1619, 0.4307,
0.3149

 99.5285, 0.3589,
0.3253

 2.9438, 0.4636,
0.3085

127.5992, 0.3552,
0.3257

 1.1025, 0.5246,
0.2974

160.5063, 0.3521,
0.3260

 0.0000, 1.0000,
0.0000


198.6342, 0.3493,


 0.0000, 0.0000,

0.3262

0.0000


242.3672, 0.3470,
0.3265

 27.9211, 0.3837,
0.3223


 27.9211, 0.3837,
0.3223


 23.0054, 0.4164,
0.3204

 33.8560, 0.3569,
0.3244


 19.0478, 0.4551,
0.3188


 40.8587, 0.3353,
0.3264


 15.9870, 0.4989,
0.3181

 48.9795, 0.3180,
0.3284

 13.7528, 0.5445,
0.3185


 58.2644, 0.3040,
0.3301

 12.2645, 0.5864,
0.3205

 68.7568, 0.2927,
0.3318

 11.4253, 0.6181,
0.3237

 80.4977, 0.2836,
0.3333

 11.1105, 0.6319,
0.3255

 89.8162, 0.2757,
0.3289

Harmonies

Analogous

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



27.9211, 0.3464, 0.2902



27.9211, 0.3837, 0.3223



27.9211, 0.4005, 0.3578

Triad

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



27.9211, 0.3837, 0.3223



27.9211, 0.3189, 0.4025



27.9211, 0.2382, 0.2655

Complementary

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



27.9211, 0.3837, 0.3223



45.3186, 0.2688, 0.3361

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.



27.9211, 0.2322, 0.2905



27.9211, 0.3837, 0.3223



27.9211, 0.2768, 0.3728

Square

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



27.9211, 0.3837, 0.3223



27.9211, 0.3612, 0.4074



27.9211, 0.2457, 0.3298



27.9211, 0.2626, 0.2581

Rectangle

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



27.9211, 0.3837, 0.3223



27.9211, 0.3973, 0.3797



27.9211, 0.2457, 0.3298



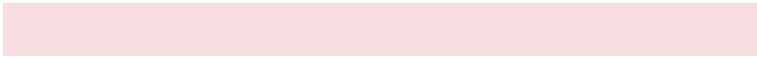
27.9211, 0.2340, 0.2719

Sweetspot

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



27.9224, 0.3837, 0.3223



77.8193, 0.3291, 0.3271



29.3389, 0.3110, 0.2455



16.6491, 0.3317, 0.3268



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.9224, 0.3837, 0.3223



43.5517, 0.4064, 0.3209



35.6108, 0.3778, 0.3655



9.5481, 0.3276, 0.3272



7.3067, 0.6301, 0.3245



0.2904, 0.5951, 0.3052

Inverse Universe

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



27.9224, 0.3837, 0.3223



43.5517, 0.4064, 0.3209



34.9449, 0.2607, 0.2892



9.5481, 0.3276, 0.3272



7.3067, 0.6301, 0.3245



0.2904, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 27.9211, 0.3837, 0.3223 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 27.9211, 0.3837, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

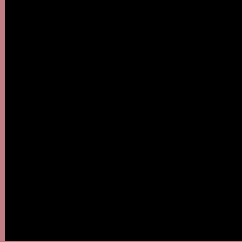
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9211, 0.3837, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 27.9211, 0.3837, 0.3223.



This preview shows how white text looks on a background with the Yxy color 27.9211, 0.3837, 0.3223.

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

27.9211, 0.3837, 0.3223

Protanopia

28.1655, 0.3199, 0.3338

Deuteranopia

27.9695, 0.3503, 0.3430



Tritanopia

27.7756, 0.3792, 0.3154

Trichromacy



Original Color

27.9211, 0.3837, 0.3223

Protanomaly

27.9044, 0.3418, 0.3291

Deuteranomaly

27.9653, 0.3620, 0.3351

Tritanomaly

27.7473, 0.3804, 0.3168

Monochromacy



Original Color

27.9211, 0.3837, 0.3223

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.4957, 0.3360, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9211, 0.3837, 0.3223 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(191, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(191, 127, 132)  
}
```

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(191, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 127, 132) }
```

Border

The CSS property to change the border of an element to Yxy 27.9211, 0.3837, 0.3223 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(191, 127, 132) }
```

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

```
.border{ border-color:rgb(191, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(191, 127,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9211, 0.3837, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 127, 132) }
```

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

```
.background{ background-color: rgb(191,  
127, 132) }
```

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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