

Converting Colors

$Y_{xy}(27.2332, 0.3670, 0.3121)$

Have a look what the booklet for
Yxy(27.2332, 0.3670, 0.3121)
contains.

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Color

Yxy(27.2332, 0.3670, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	B87F8B
RGB	184, 127, 139
RGB Percent	72%, 50%, 55%
CMY	0.2783, 0.5020, 0.4548
CMYK	0.00, 0.31, 0.24, 0.28
HSL	347°, 29%, 61%
HSV	347°, 31%, 72%
XYZ	32.0237, 27.2332, 28.0011
YIQ	145.4110, 30.1200, 15.8160

Conversions

Conversions Part 2

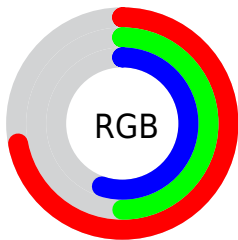
Format	Color
RYB	184, 127, 139
Decimal	12091275
CIELab	59.19, 23.83, 2.45
CIELCh	59, 23.954, 5.876
Yxy	27.2332, 0.3670, 0.3121
Android (android.graphics.Color)	4290281355 (0xFFB87F8B)
YUV	145.4110, -3.1606, 33.8426
Hunter-Lab	52.1854, 18.2122, 4.7167

Details

The Yxy color **27.2332, 0.3670, 0.3121** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7847, 0.2768, 0.3469**, and the grayscale version is **28.4965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1491, 0.3559, 0.3160**, and **10.7748, 0.3876, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **22.5109, 0.3931, 0.3065**, and if you desaturate by 10%, it is **32.8826, 0.3456, 0.3178**.

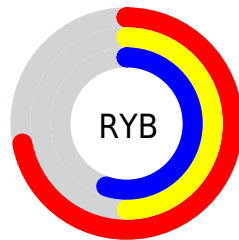
Distribution



Red (72%)

Green (50%)

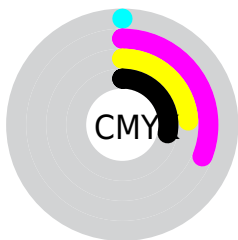
Blue (55%)



Red (72%)

Yellow (50%)

Blue (55%)

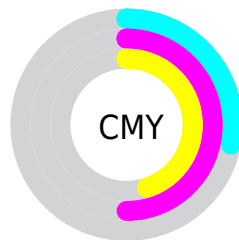


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (28%)



Cyan (28%)


Magenta (50%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2332, 0.3670, 0.3121 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 27.2332, 0.3670, 0.3121 by changing the saturation by 10% instead.


 27.2332, 0.3670,
0.3121


 27.2332, 0.3670,
0.3121


288.7845, 0.3373,
0.3215


 17.7484, 0.3754,
0.3094


 55.2579, 0.3555,
0.3158

 10.7695, 0.3868,
0.3056


 74.5665, 0.3515,
0.3171

 5.9121, 0.4032,
0.3000

 97.9186, 0.3481,
0.3182

 2.7917, 0.4287,
0.2912

125.6986, 0.3452,
0.3191

 1.0240, 0.4738,
0.2749

158.2907, 0.3428,
0.3198

 0.0000, 1.0000,
0.0000

196.0795, 0.3407,

 0.0000, 0.0000,

0.3205

0.0000

239.4493, 0.3389,
0.3210

■ 27.2332, 0.3670,
0.3121

■ 27.2332, 0.3670,
0.3121

■ 22.5109, 0.3931,
0.3065

■ 32.8826, 0.3456,
0.3178

■ 18.6625, 0.4243,
0.3016

■ 39.5011, 0.3281,
0.3233

■ 15.6349, 0.4605,
0.2979


■ 47.1328, 0.3140,
0.3285


■ 13.3679, 0.5002,
0.2965

■ 55.8179, 0.3025,
0.3333


■ 11.7930, 0.5406,
0.2983

■ 65.5943, 0.2932,
0.3377

 10.8290, 0.5774,
0.3037

 76.4983, 0.2855,
0.3417

 10.3398, 0.6045,
0.3104

 88.0459, 0.2792,
0.3445

 88.9345, 0.2721,
0.3289

Harmonies

Analogous

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



27.2332, 0.3293, 0.2848



27.2332, 0.3670, 0.3121



27.2332, 0.3897, 0.3444

Triad

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



27.2332, 0.3670, 0.3121



27.2332, 0.3327, 0.3997



27.2332, 0.2405, 0.2774

Complementary

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



27.2332, 0.3670, 0.3121



41.7847, 0.2768, 0.3469

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.



27.2332, 0.2414, 0.3056



27.2332, 0.3670, 0.3121



27.2332, 0.2930, 0.3801

Square

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



27.2332, 0.3670, 0.3121



27.2332, 0.3685, 0.3967



27.2332, 0.2600, 0.3439



27.2332, 0.2573, 0.2647

Rectangle

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



27.2332, 0.3670, 0.3121



27.2332, 0.3925, 0.3656



27.2332, 0.2600, 0.3439



27.2332, 0.2388, 0.2852

Sweetspot

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



27.2345, 0.3670, 0.3121



73.9918, 0.3253, 0.3243



27.3713, 0.3032, 0.2501



15.5421, 0.3275, 0.3235



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.



27.2345, 0.3670, 0.3121



43.5010, 0.3837, 0.3084



31.4165, 0.3748, 0.3520



9.0424, 0.3256, 0.3242



7.1318, 0.6016, 0.3088



0.2605, 0.5305, 0.2696

Inverse Universe

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



27.2345, 0.3670, 0.3121



43.5010, 0.3837, 0.3084



35.9306, 0.2661, 0.3046



9.0424, 0.3256, 0.3242



7.1318, 0.6016, 0.3088



0.2605, 0.5305, 0.2696

Previews

White Background



This preview shows how the Yxy color 27.2332, 0.3670, 0.3121 looks on a white background.

Color Contrast Check

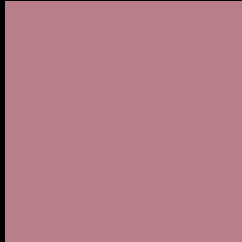
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2332, 0.3670, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

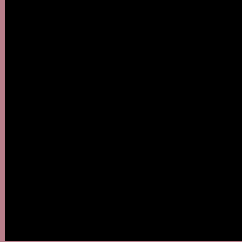
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2332, 0.3670, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 27.2332, 0.3670, 0.3121.



This preview shows how white text looks on a background with the Yxy color 27.2332, 0.3670, 0.3121.

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

27.2332, 0.3670, 0.3121

Protanopia

27.4134, 0.3089, 0.3193

Deuteranopia

27.3540, 0.3373, 0.3306



Tritanopia

27.1752, 0.3694, 0.3150

Trichromacy



Original Color

27.2332, 0.3670, 0.3121

Protanomaly

27.3066, 0.3288, 0.3167

Deuteranomaly

27.2100, 0.3474, 0.3231

Tritanomaly

27.2041, 0.3682, 0.3136

Monochromacy



Original Color

27.2332, 0.3670, 0.3121

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5311, 0.3308, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2332, 0.3670, 0.3121 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(184, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(184, 127, 139)  
}
```

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(184, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 127, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.2332, 0.3670, 0.3121 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(184, 127, 139) }
```

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

```
.border{ border-color:rgb(184, 127, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(184, 127,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2332, 0.3670, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 127, 139) }
```

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

```
.background{ background-color: rgb(184,  
127, 139) }
```

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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