

Converting Colors

$Y_{xy}(27.0136, 0.3722, 0.3150)$

Have a look what the booklet for
Yxy(27.0136, 0.3722, 0.3150)
contains.

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Color

Yxy(27.0136, 0.3722, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	B97E88
RGB	185, 126, 136
RGB Percent	73%, 49%, 53%
CMY	0.2744, 0.5059, 0.4667
CMYK	0.00, 0.32, 0.26, 0.27
HSL	350°, 30%, 61%
HSV	350°, 32%, 73%
XYZ	31.9189, 27.0136, 26.8249
YIQ	144.7810, 31.9540, 15.6180

Conversions

Conversions Part 2

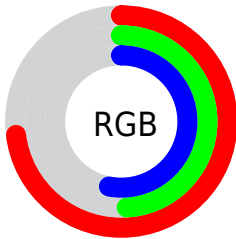
Format	Color
R_{YB}	185, 126, 136
Decimal	12156552
CIE _{Lab}	58.99, 24.32, 3.91
CIE _{LCh}	59, 24.634, 9.131
Yxy	27.0136, 0.3722, 0.3150
Android (android.graphics.Color)	4290346632 (0xFFB97E88)
YUV	144.7810, -4.3290, 35.2721
Hunter-Lab	51.9746, 18.6658, 5.7817

Details

The Yxy color **27.0136, 0.3722, 0.3150** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2438, 0.2742, 0.3438**, and the grayscale version is **28.2310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7916, 0.3597, 0.3182**, and **10.5866, 0.3939, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **22.3069, 0.4003, 0.3106**, and if you desaturate by 10%, it is **32.6607, 0.3491, 0.3196**.

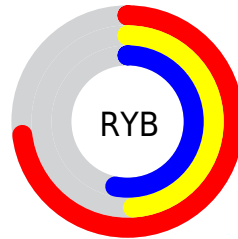
Distribution



Red (73%)

Green (49%)

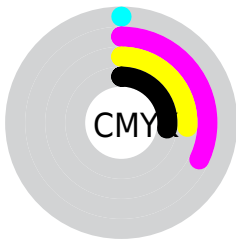
Blue (53%)



Red (73%)

Yellow (49%)

Blue (53%)

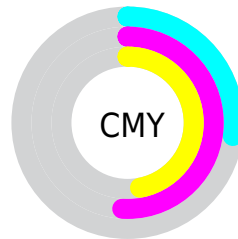


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0136, 0.3722, 0.3150 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 27.0136, 0.3722, 0.3150 by changing the saturation by 10% instead.


 27.0136, 0.3722,
0.3150

 27.0136, 0.3722,
0.3150


287.7230, 0.3396,
0.3230


 17.5834, 0.3814,
0.3126


 54.9057, 0.3596,
0.3182

 10.6513, 0.3940,
0.3092


 74.1364, 0.3551,
0.3193

 5.8329, 0.4122,
0.3042

 97.4028, 0.3514,
0.3202

 2.7437, 0.4405,
0.2959

125.0892, 0.3483,
0.3210

 0.9995, 0.4916,
0.2808

157.5800, 0.3456,
0.3216

 0.0000, 1.0000,
0.0000


195.2596, 0.3433,


 0.0000, 0.0000,

0.3221

0.0000

238.5125, 0.3413,
0.3226

 27.0136, 0.3722,
0.3150


 27.0136, 0.3722,
0.3150


 22.3069, 0.4003,
0.3106


 32.6607, 0.3491,
0.3196


 18.4857, 0.4339,
0.3067

 39.2914, 0.3304,
0.3240


 15.4955, 0.4726,
0.3041


 46.9509, 0.3153,
0.3282

 13.2741, 0.5146,
0.3036


 55.6806, 0.3030,
0.3321

 11.7503, 0.5561,
0.3058

 65.5195, 0.2931,
0.3357

 10.8399, 0.5922,
0.3111

 76.5046, 0.2850,
0.3389

 10.4198, 0.6151,
0.3162

 88.3437, 0.2783,
0.3413

 89.0588, 0.2726,
0.3289

Harmonies

Analogous

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



27.0136, 0.3344, 0.2862



27.0136, 0.3722, 0.3150



27.0136, 0.3934, 0.3484

Triad

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



27.0136, 0.3722, 0.3150



27.0136, 0.3288, 0.4010



27.0136, 0.2394, 0.2736

Complementary

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



27.0136, 0.3722, 0.3150



42.2438, 0.2742, 0.3438

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.



27.0136, 0.2383, 0.3010



27.0136, 0.3722, 0.3150



27.0136, 0.2881, 0.3783

Square

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



27.0136, 0.3722, 0.3150



27.0136, 0.3667, 0.4001



27.0136, 0.2555, 0.3399



27.0136, 0.2585, 0.2624

Rectangle

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



27.0136, 0.3722, 0.3150



27.0136, 0.3944, 0.3699



27.0136, 0.2555, 0.3399



27.0136, 0.2370, 0.2810

Sweetspot

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



27.0149, 0.3722, 0.3150



72.6028, 0.3275, 0.3248



27.4456, 0.3049, 0.2481



15.2618, 0.3298, 0.3242



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.



27.0149, 0.3722, 0.3150



42.5284, 0.3905, 0.3120



31.9798, 0.3764, 0.3555



9.0364, 0.3262, 0.3251



7.0994, 0.6124, 0.3148



0.2580, 0.5479, 0.2792

Inverse Universe

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



27.0149, 0.3722, 0.3150



42.5284, 0.3905, 0.3120



35.3342, 0.2644, 0.3007



9.0364, 0.3262, 0.3251



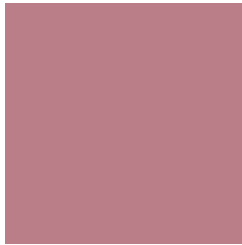
7.0994, 0.6124, 0.3148



0.2580, 0.5479, 0.2792

Previews

White Background



This preview shows how the Yxy color 27.0136, 0.3722, 0.3150 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 27.0136, 0.3722, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

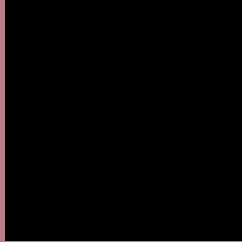
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0136, 0.3722, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 27.0136, 0.3722, 0.3150.



This preview shows how white text looks on a background with the Yxy color 27.0136, 0.3722, 0.3150.

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

27.0136, 0.3722, 0.3150

Protanopia

27.3196, 0.3119, 0.3241

Deuteranopia

26.9835, 0.3408, 0.3338



Tritanopia

27.0136, 0.3722, 0.3150

Trichromacy



Original Color

27.0136, 0.3722, 0.3150

Protanomaly

26.9322, 0.3322, 0.3197

Deuteranomaly

26.8492, 0.3511, 0.3261

Tritanomaly

27.0136, 0.3722, 0.3150

Monochromacy



Original Color

27.0136, 0.3722, 0.3150

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6035, 0.3330, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0136, 0.3722, 0.3150 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(185, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(185, 126, 136)  
}
```

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(185, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 126, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.0136, 0.3722, 0.3150 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(185, 126, 136) }
```

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

```
.border{ border-color:rgb(185, 126, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 126, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 126, 136); box-shadow:4px 4px 4px 4px rgb(185, 126, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0136, 0.3722, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 126, 136) }
```

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

```
.background{ background-color: rgb(185,  
126, 136) }
```

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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