

Converting Colors

$Y_{xy}(27.8624, 0.3735, 0.3460)$

Have a look what the booklet for
Yxy(27.8624, 0.3735, 0.3460)
contains.

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Color

Yxy(27.9881, 0.3736, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	B0877B
RGB	176, 135, 123
RGB Percent	69%, 53%, 48%
CMY	0.3098, 0.4706, 0.5177
CMYK	0.00, 0.23, 0.30, 0.31
HSL	14°, 25%, 59%
HSV	14°, 30%, 69%
XYZ	30.1423, 27.9881, 22.5502
YIQ	145.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

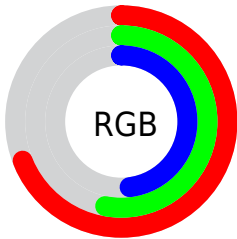
Format	Color
R_{YB}	176, 139, 123
Decimal	11569019
CIE _{Lab}	59.88, 13.91, 12.49
CIE _{LCh}	60, 18.697, 41.932
Yxy	27.9881, 0.3736, 0.3469
Android (android.graphics.Color)	4289759099 (0xFFB0877B)
YUV	145.8910, -11.2853, 26.4056
Hunter-Lab	52.9038, 9.1199, 11.7603

Details

The Yxy color $27.9881, 0.3736, 0.3469$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.8890, 0.2680, 0.3102$, and the grayscale version is $28.7364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.2174, 0.3608, 0.3438$, and $11.1290, 0.3958, 0.3521$ is the 20% darker color. If you saturate the color by 10%, you get $24.0290, 0.4020, 0.3531$, and if you desaturate by 10%, it is $32.5146, 0.3496, 0.3407$.

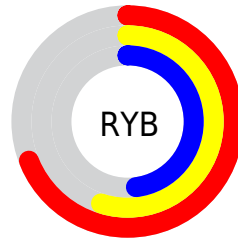
Distribution



Red (69%)

Green (53%)

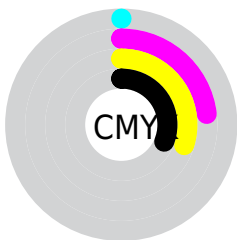
Blue (48%)



Red (69%)

Yellow (55%)

Blue (48%)

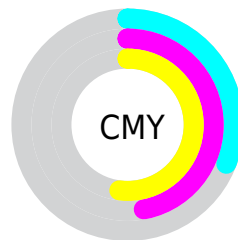


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9881, 0.3736, 0.3469 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 27.9881, 0.3736, 0.3469 by changing the saturation by 10% instead.


 27.9881, 0.3736,
0.3469


 27.9881, 0.3736,
0.3469


292.4100, 0.3403,
0.3379


 18.3167, 0.3830,
0.3491


 56.4654, 0.3607,
0.3437

 11.1776, 0.3957,
0.3518


 76.0402, 0.3562,
0.3424

 6.1864, 0.4139,
0.3552


 99.6848, 0.3524,
0.3414

 2.9588, 0.4421,
0.3592

127.7837, 0.3492,
0.3405

 1.1102, 0.5126,
0.3791

160.7213, 0.3465,
0.3397

 0.0000, 1.0000,
0.0000

198.8819, 0.3441,

 0.0000, 0.0000,

0.3390

0.0000

242.6501, 0.3421,
0.3384

■ 27.9881, 0.3736,
0.3469

■ 27.9881, 0.3736,
0.3469

■ 24.0290, 0.4020,
0.3531

■ 32.5146, 0.3496,
0.3407

■ 20.6109, 0.4350,
0.3587

■ 37.6258, 0.3296,
0.3347

■ 17.7110, 0.4722,
0.3631


■ 43.3431, 0.3129,
0.3291


■ 15.3034, 0.5119,
0.3653

■ 49.6856, 0.2990,
0.3239

■ 13.3599, 0.5511,
0.3643

■ 56.6718, 0.2874,
0.3191

 11.8490, 0.5854,
0.3595

 64.3189, 0.2776,
0.3148

 10.7397, 0.6120,
0.3523

 72.6441, 0.2694,
0.3109

 81.0843, 0.2667,
0.3167

 87.9694, 0.2681,
0.3289

Harmonies

Analogous

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



27.9881, 0.3593, 0.3211



27.9881, 0.3736, 0.3469



27.9881, 0.3705, 0.3698

Triad

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



27.9881, 0.3736, 0.3469



27.9881, 0.2918, 0.3631



27.9881, 0.2737, 0.2780

Complementary

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



27.9881, 0.3736, 0.3469



33.8890, 0.2680, 0.3102

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.



27.9881, 0.2576, 0.2860



27.9881, 0.3736, 0.3469



27.9881, 0.2677, 0.3347

Square

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



27.9881, 0.3736, 0.3469



27.9881, 0.3224, 0.3813



27.9881, 0.2555, 0.3062



27.9881, 0.3006, 0.2826

Rectangle

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



27.9881, 0.3736, 0.3469



27.9881, 0.3592, 0.3801



27.9881, 0.2555, 0.3062



27.9881, 0.2669, 0.2792

Sweetspot

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



27.9894, 0.3736, 0.3469



69.1901, 0.3278, 0.3341



26.0928, 0.3287, 0.2702



14.6906, 0.3304, 0.3350



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.9894, 0.3736, 0.3469



45.9730, 0.3916, 0.3510



36.1412, 0.3630, 0.3834



8.8074, 0.3282, 0.3342



7.9556, 0.6103, 0.3536



0.3386, 0.5569, 0.3960

Inverse Universe

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



33.8890, 0.2680, 0.3102



58.3528, 0.2590, 0.3056



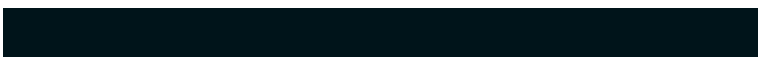
25.5250, 0.2633, 0.2679



9.2983, 0.2986, 0.3237



15.3323, 0.2043, 0.2553



0.5629, 0.2106, 0.2782

Previews

White Background



This preview shows how the Yxy color 27.9881, 0.3736, 0.3469 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 27.9881, 0.3736, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

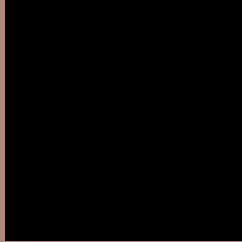
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9881, 0.3736, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 27.9881, 0.3736, 0.3469.



This preview shows how white text looks on a background with the Yxy color 27.9881, 0.3736, 0.3469.

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

27.9881, 0.3736, 0.3469

Protanopia

28.0843, 0.3365, 0.3548

Deuteranopia

27.9774, 0.3615, 0.3552



Tritanopia

27.9205, 0.3549, 0.3147

Trichromacy



Original Color

27.9881, 0.3736, 0.3469

Protanomaly

28.0297, 0.3495, 0.3526

Deuteranomaly

28.1281, 0.3665, 0.3533

Tritanomaly

27.8714, 0.3616, 0.3262

Monochromacy



Original Color

27.9881, 0.3736, 0.3469

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.3491, 0.3331, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9881, 0.3736, 0.3469 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(176, 135, 123)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 123)  
}
```

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(176, 135, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.9881, 0.3736, 0.3469 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(176, 135, 123) }
```

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

```
.border{ border-color:rgb(176, 135, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 123);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9881, 0.3736, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 123) }
```

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

```
.background{ background-color: rgb(176,  
135, 123) }
```

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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