

Converting Colors

$Y_{xy}(27.0724, 0.3979, 0.3390)$

Have a look what the booklet for
Yxy(27.0724, 0.3979, 0.3390)
contains.

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Color

Yxy(27.0724, 0.3979, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	BD7E77
RGB	189, 126, 119
RGB Percent	74%, 49%, 47%
CMY	0.2589, 0.5059, 0.5332
CMYK	0.00, 0.33, 0.37, 0.26
HSL	6°, 35%, 60%
HSV	6°, 37%, 74%
XYZ	31.7761, 27.0724, 21.0111
YIQ	144.0390, 39.7950, 11.1790

Conversions

Conversions Part 2

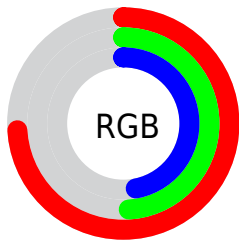
Format	Color
R _Y B	189, 127, 119
Decimal	12418679
CIE Lab	59.04, 23.57, 13.81
CIE LCh	59, 27.315, 30.364
Yxy	27.0724, 0.3979, 0.3390
Android (android.graphics.Color)	4290608759 (0xFFBD7E77)
YUV	144.0390, -12.3442, 39.4308
Hunter-Lab	52.0311, 17.9579, 12.4795

Details

The Yxy color $27.0724, 0.3979, 0.3390$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $41.0561, 0.2601, 0.3186$, and the grayscale version is $27.9463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9546, 0.3801, 0.3378$, and $10.6921, 0.4295, 0.3388$ is the 20% darker color. If you saturate the color by 10%, you get $22.6763, 0.4332, 0.3416$, and if you desaturate by 10%, it is $32.3014, 0.3684, 0.3362$.

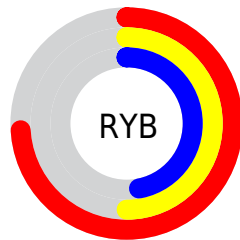
Distribution



Red (74%)

Green (49%)

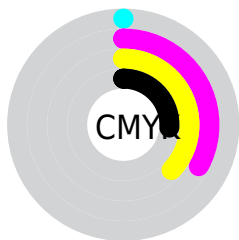
Blue (47%)



Red (74%)

Yellow (50%)

Blue (47%)

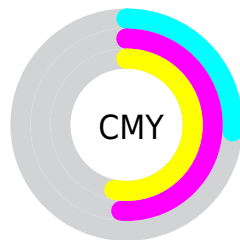


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (26%)



Cyan (26%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0724, 0.3979, 0.3390 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 27.0724, 0.3979, 0.3390 by changing the saturation by 10% instead.


 27.0724, 0.3979,
0.3390


 27.0724, 0.3979,
0.3390

288.0075, 0.3510,
0.3349


 17.6276, 0.4112,
0.3396


 55.0000, 0.3797,
0.3378

 10.6830, 0.4292,
0.3399


 74.2516, 0.3733,
0.3373

 5.8541, 0.4550,
0.3395

 97.5410, 0.3679,
0.3368

 2.7566, 0.4947,
0.3369

125.2525, 0.3634,
0.3363

 1.0060, 0.6047,
0.3518

157.7705, 0.3596,
0.3359

 0.0000, 1.0000,
0.0000

195.4794, 0.3564,

 0.0000, 0.0000,

0.3355

0.0000

238.7636, 0.3535,
0.3352

■ 27.0724, 0.3979,
0.3390

■ 27.0724, 0.3979,
0.3390

■ 22.6763, 0.4332,
0.3416

■ 32.3014, 0.3684,
0.3362

■ 19.0662, 0.4740,
0.3436

■ 38.3990, 0.3441,
0.3334

■ 16.1969, 0.5184,
0.3445


■ 45.4036, 0.3243,
0.3307


■ 14.0168, 0.5625,
0.3437


■ 53.3503, 0.3083,
0.3283


■ 12.4677, 0.6003,
0.3411

■ 62.2722, 0.2952,
0.3260

 11.4803, 0.6263,
0.3369

 72.2008, 0.2844,
0.3240

 11.2786, 0.6323,
0.3362

 83.1663, 0.2756,
0.3222

 89.5575, 0.2747,
0.3289

Harmonies

Analogous

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



27.0724, 0.3677, 0.3033



27.0724, 0.3979, 0.3390



27.0724, 0.4029, 0.3749

Triad

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



27.0724, 0.3979, 0.3390



27.0724, 0.2979, 0.3940



27.0724, 0.2450, 0.2573

Complementary

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



27.0724, 0.3979, 0.3390



41.0561, 0.2601, 0.3186

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.



27.0724, 0.2297, 0.2746



27.0724, 0.3979, 0.3390



27.0724, 0.2584, 0.3543

Square

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



27.0724, 0.3979, 0.3390



27.0724, 0.3432, 0.4116



27.0724, 0.2343, 0.3093



27.0724, 0.2780, 0.2580

Rectangle

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



27.0724, 0.3979, 0.3390



27.0724, 0.3915, 0.3949



27.0724, 0.2343, 0.3093



27.0724, 0.2377, 0.2610

Sweetspot

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



27.0737, 0.3979, 0.3390



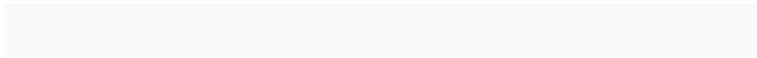
75.9124, 0.3321, 0.3318



27.4427, 0.3231, 0.2453



15.9588, 0.3347, 0.3322



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



27.0737, 0.3979, 0.3390



42.3142, 0.4245, 0.3410



37.2354, 0.3808, 0.3847



9.6855, 0.3286, 0.3314



7.6433, 0.6310, 0.3372



0.3514, 0.6015, 0.3606

Inverse Universe

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



41.0561, 0.2601, 0.3186



70.7803, 0.2511, 0.3161



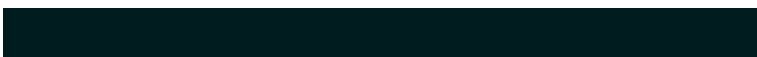
28.8328, 0.2526, 0.2657



10.6424, 0.2985, 0.3266



21.9137, 0.2160, 0.2977



0.9060, 0.2183, 0.3058

Previews

White Background



This preview shows how the Yxy color 27.0724, 0.3979, 0.3390 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 27.0724, 0.3979, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

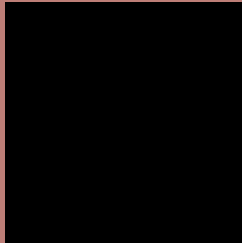
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0724, 0.3979, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 27.0724, 0.3979, 0.3390.



This preview shows how white text looks on a background with the Yxy color 27.0724, 0.3979, 0.3390.

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

27.0724, 0.3979, 0.3390

Protanopia

27.2679, 0.3357, 0.3535

Deuteranopia

27.1750, 0.3667, 0.3601



Tritanopia

27.0559, 0.3825, 0.3167

Trichromacy



Original Color

27.0724, 0.3979, 0.3390

Protanomaly

26.9561, 0.3580, 0.3477

Deuteranomaly

27.0817, 0.3780, 0.3516

Tritanomaly

27.1729, 0.3884, 0.3251

Monochromacy



Original Color

27.0724, 0.3979, 0.3390

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1142, 0.3408, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0724, 0.3979, 0.3390 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(189, 126, 119)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 119)  
}
```

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(189, 126, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.0724, 0.3979, 0.3390 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(189, 126, 119) }
```

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

```
.border{ border-color:rgb(189, 126, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 126, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 119);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0724, 0.3979, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 126, 119) }
```

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

```
.background{ background-color: rgb(189,  
126, 119) }
```

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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