

Converting Colors

$Y_{xy}(27.0116, 0.4009, 0.3419)$

Have a look what the booklet for
Yxy(27.0116, 0.4009, 0.3419)
contains.

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Color

Yxy(27.0249, 0.4004, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	BD7E75
RGB	189, 126, 117
RGB Percent	74%, 49%, 46%
CMY	0.2588, 0.5059, 0.5411
CMYK	0.00, 0.33, 0.38, 0.26
HSL	7°, 35%, 60%
HSV	7°, 38%, 74%
XYZ	31.6582, 27.0249, 20.3833
YIQ	143.8110, 40.4370, 10.5570

Conversions

Conversions Part 2

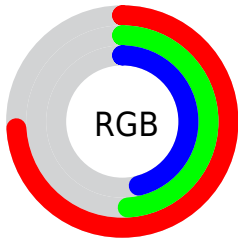
Format	Color
R _{YB}	189, 127, 117
Decimal	12418677
CIE Lab	59.00, 23.33, 14.89
CIE LCh	59, 27.678, 32.558
Yxy	27.0249, 0.4004, 0.3418
Android (android.graphics.Color)	4290608757 (0xFFBD7E75)
YUV	143.8110, -13.2178, 39.6308
Hunter-Lab	51.9855, 17.7286, 13.1424

Details

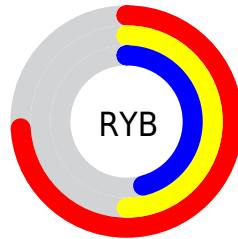
The Yxy color **27.0249, 0.4004, 0.3418** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1042, 0.2584, 0.3155**, and the grayscale version is **27.8531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8789, 0.3819, 0.3400**, and **10.6669, 0.4333, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **22.7392, 0.4356, 0.3450**, and if you desaturate by 10%, it is **32.1024, 0.3707, 0.3383**.

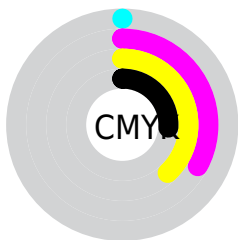
Distribution



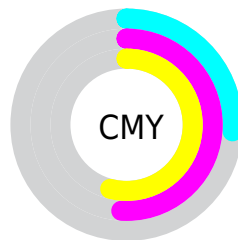
- Red (74%)
- Green (49%)
- Blue (46%)



- Red (74%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (38%)
- Black (26%)





- Cyan (26%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0249, 0.4004, 0.3418 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 27.0249, 0.4004, 0.3418 by changing the saturation by 10% instead.

 27.0249, 0.4004,
0.3418


 27.0249, 0.4004,
0.3418


287.7777, 0.3521,
0.3363


 17.5919, 0.4141,
0.3427


 54.9238, 0.3817,
0.3401

 10.6574, 0.4326,
0.3434


 74.1586, 0.3750,
0.3394

 5.8370, 0.4591,
0.3436


 97.4293, 0.3695,
0.3387

 2.7462, 0.4997,
0.3415

125.1205, 0.3649,
0.3381

 1.0007, 0.6213,
0.3631

157.6166, 0.3610,
0.3376

 0.0000, 1.0000,
0.0000

195.3019, 0.3576,

 0.0000, 0.0000,

0.3371

0.0000

238.5608, 0.3547,
0.3367

■ 27.0249, 0.4004,
0.3418

■ 27.0249, 0.4004,
0.3418

■ 22.7392, 0.4356,
0.3450

■ 32.1024, 0.3707,
0.3383

■ 19.2015, 0.4760,
0.3474

■ 38.0046, 0.3463,
0.3348

■ 16.3700, 0.5198,
0.3484


■ 44.7676, 0.3262,
0.3315


■ 14.1968, 0.5629,
0.3474

■ 52.4240, 0.3098,
0.3284

■ 12.6282, 0.5997,
0.3441


■ 61.0046, 0.2964,
0.3256

 11.5993, 0.6254,
0.3391

 70.5391, 0.2854,
0.3230

 11.4549, 0.6294,
0.3384

 81.0554, 0.2763,
0.3207

 89.5583, 0.2747,
0.3289

Harmonies

Analogous

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



27.0249, 0.3714, 0.3055



27.0249, 0.4004, 0.3418



27.0249, 0.4034, 0.3779

Triad

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



27.0249, 0.4004, 0.3418



27.0249, 0.2944, 0.3926



27.0249, 0.2460, 0.2558

Complementary

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



27.0249, 0.4004, 0.3418



40.1042, 0.2584, 0.3155

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.



27.0249, 0.2291, 0.2720



27.0249, 0.4004, 0.3418



27.0249, 0.2553, 0.3512

Square

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



27.0249, 0.4004, 0.3418



27.0249, 0.3403, 0.4125



27.0249, 0.2322, 0.3059



27.0249, 0.2805, 0.2578

Rectangle

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



27.0249, 0.4004, 0.3418



27.0249, 0.3907, 0.3977



27.0249, 0.2322, 0.3059



27.0249, 0.2382, 0.2591

Sweetspot

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



27.0262, 0.4004, 0.3418



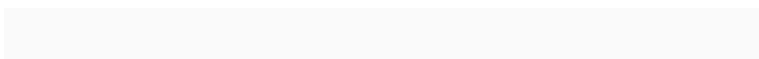
76.2681, 0.3320, 0.3325



26.8654, 0.3261, 0.2457



16.0431, 0.3346, 0.3330



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.



27.0262, 0.4004, 0.3418



41.6825, 0.4306, 0.3446



37.7348, 0.3819, 0.3894



9.7232, 0.3285, 0.3319



7.7703, 0.6279, 0.3396



0.3681, 0.5932, 0.3672

Inverse Universe

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



40.1042, 0.2584, 0.3155



68.5093, 0.2482, 0.3120



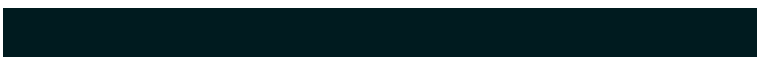
27.5894, 0.2503, 0.2597



10.6007, 0.2985, 0.3261



20.7536, 0.2138, 0.2896



0.8707, 0.2166, 0.2999

Previews

White Background



This preview shows how the Yxy color 27.0249, 0.4004, 0.3418 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 27.0249, 0.4004, 0.3418 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 27.0249, 0.4004, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 27.0249, 0.4004, 0.3418.



This preview shows how white text looks on a background with the Yxy color 27.0249, 0.4004, 0.3418.

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

27.0249, 0.4004, 0.3418

Protanopia

27.2162, 0.3378, 0.3568

Deuteranopia

27.1285, 0.3690, 0.3632



Tritanopia

27.0559, 0.3825, 0.3167

Trichromacy



Original Color

27.0249, 0.4004, 0.3418

Protanomaly

26.9060, 0.3603, 0.3509

Deuteranomaly

27.0347, 0.3803, 0.3546

Tritanomaly

27.1467, 0.3896, 0.3265

Monochromacy



Original Color

27.0249, 0.4004, 0.3418

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.0861, 0.3419, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0249, 0.4004, 0.3418 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 117) }
```

Border

The CSS property to change the border of an element to Yxy 27.0249, 0.4004, 0.3418 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, 117) }
```

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

```
.border{ border-color:rgb(189, 126, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0249, 0.4004, 0.3418 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, 117) }
```

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

```
.background{ background-color: rgb(189,  
126, 117) }
```

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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