

Converting Colors

$Y_{xy}(27.1516, 0.4034, 0.3291)$

Have a look what the booklet for
Yxy(27.1516, 0.4034, 0.3291)
contains.

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Color

Yxy(27.0849, 0.4032, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	C47A7B
RGB	196, 122, 123
RGB Percent	77%, 48%, 48%
CMY	0.2313, 0.5216, 0.5176
CMYK	0.00, 0.38, 0.37, 0.23
HSL	359°, 39%, 62%
HSV	359°, 38%, 77%
XYZ	33.3048, 27.0849, 22.2114
YIQ	144.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

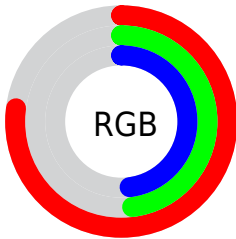
Format	Color
R _Y B	196, 122, 123
Decimal	12876411
CIE Lab	59.05, 29.00, 11.67
CIE LCh	59, 31.256, 21.918
Yxy	27.0849, 0.4032, 0.3279
Android (android.graphics.Color)	4291066491 (0xFFC47A7B)
YUV	144.2400, -10.4713, 45.3935
Hunter-Lab	52.0432, 23.1547, 11.1259

Details

The Yxy color **27.0849, 0.4032, 0.3279** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **47.5696, 0.2612, 0.3303**, and the grayscale version is **28.0220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8259, 0.3839, 0.3292**, and **10.7046, 0.4373, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **22.3112, 0.4413, 0.3277**, and if you desaturate by 10%, it is **32.9277, 0.3717, 0.3282**.

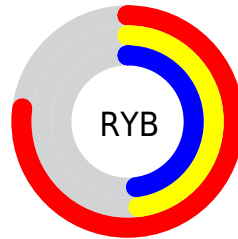
Distribution



Red (77%)

Green (48%)

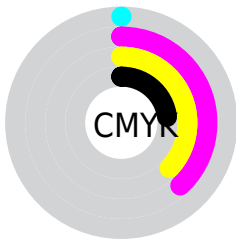
Blue (48%)



Red (77%)

Yellow (48%)

Blue (48%)

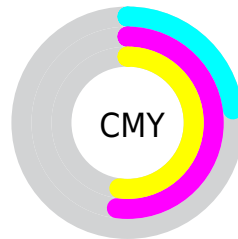


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0849, 0.4032, 0.3279 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 27.0849, 0.4032, 0.3279 by changing the saturation by 10% instead.

 27.0849, 0.4032,
0.3279


 27.0849, 0.4032,
0.3279

288.0680, 0.3534,
0.3298


 17.6370, 0.4173,
0.3268


 55.0201, 0.3839,
0.3290

 10.6897, 0.4364,
0.3249


 74.2761, 0.3771,
0.3293

 5.8586, 0.4638,
0.3214

 97.5704, 0.3714,
0.3295

 2.7593, 0.5059,
0.3143

125.2872, 0.3666,
0.3296

 1.0074, 0.6037,
0.3112

157.8109, 0.3626,
0.3297

 0.0000, 1.0000,
0.0000


195.5261, 0.3591,


 0.0000, 0.0000,


0.3298


0.0000

238.8169, 0.3561,
0.3298


 27.0849, 0.4032,
0.3279

 27.0849, 0.4032,
0.3279

 22.3112, 0.4413,
0.3277

 32.9277, 0.3717,
0.3282


 18.5384, 0.4853,
0.3276

 39.8946, 0.3462,
0.3285


 15.6962, 0.5327,
0.3277

 48.0418, 0.3257,
0.3288


 13.7042, 0.5780,
0.3281

 57.4202, 0.3094,
0.3291


 12.4677, 0.6140,
0.3287

 68.0781, 0.2963,
0.3293

 11.8496, 0.6351,
0.3292

 80.0609, 0.2857,
0.3296

 11.7452, 0.6387,
0.3292

 90.4793, 0.2784,
0.3289

Harmonies

Analogous

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



27.0849, 0.3620, 0.2895



27.0849, 0.4032, 0.3279



27.0849, 0.4174, 0.3691

Triad

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



27.0849, 0.4032, 0.3279



27.0849, 0.3097, 0.4131



27.0849, 0.2290, 0.2510

Complementary

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



27.0849, 0.4032, 0.3279



47.5696, 0.2612, 0.3303

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.



27.0849, 0.2180, 0.2758



27.0849, 0.4032, 0.3279



27.0849, 0.2619, 0.3725

Square

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



27.0849, 0.4032, 0.3279



27.0849, 0.3607, 0.4237



27.0849, 0.2293, 0.3197



27.0849, 0.2607, 0.2467

Rectangle

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



27.0849, 0.4032, 0.3279



27.0849, 0.4095, 0.3943



27.0849, 0.2293, 0.3197



27.0849, 0.2229, 0.2570

Sweetspot

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



27.0862, 0.4032, 0.3279



81.7353, 0.3322, 0.3287



29.4780, 0.3158, 0.2364



17.0541, 0.3349, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.0862, 0.4032, 0.3279



42.0368, 0.4329, 0.3277



37.5212, 0.3862, 0.3767



10.0801, 0.3287, 0.3287



7.5456, 0.6384, 0.3290



0.3268, 0.6320, 0.3255

Inverse Universe

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



27.0862, 0.4032, 0.3279



42.0368, 0.4329, 0.3277



33.3495, 0.2529, 0.2756



10.0801, 0.3287, 0.3287



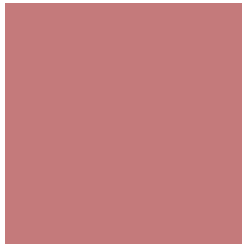
7.5456, 0.6384, 0.3290



0.3268, 0.6320, 0.3255

Previews

White Background



This preview shows how the Yxy color 27.0849, 0.4032, 0.3279 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 27.0849, 0.4032, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

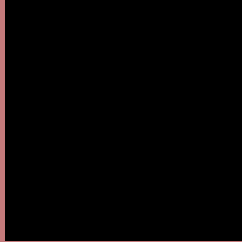
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0849, 0.4032, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 27.0849, 0.4032, 0.3279.



This preview shows how white text looks on a background with the Yxy color 27.0849, 0.4032, 0.3279.

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

27.0849, 0.4032, 0.3279

Protanopia

27.2425, 0.3273, 0.3437

Deuteranopia

27.1399, 0.3622, 0.3555



Tritanopia

27.1568, 0.3958, 0.3172

Trichromacy



Original Color

27.0849, 0.4032, 0.3279

Protanomaly

26.9123, 0.3538, 0.3384

Deuteranomaly

27.1131, 0.3772, 0.3455

Tritanomaly

27.0774, 0.3997, 0.3212

Monochromacy



Original Color

27.0849, 0.4032, 0.3279

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1724, 0.3434, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0849, 0.4032, 0.3279 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(196, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(196, 122, 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(196, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 122, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.0849, 0.4032, 0.3279 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(196, 122, 123) }
```

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

```
.border{ border-color:rgb(196, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(196, 122,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0849, 0.4032, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 122, 123) }
```

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

```
.background{ background-color: rgb(196,  
122, 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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