

Converting Colors

$Y_{xy}(27.0374, 0.4289, 0.3643)$

Have a look what the booklet for
Yxy(27.0374, 0.4289, 0.3643)
contains.

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Color

Yxy(27.0374, 0.4289, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	C27D63
RGB	194, 125, 99
RGB Percent	76%, 49%, 39%
CMY	0.2393, 0.5098, 0.6117
CMYK	0.00, 0.36, 0.49, 0.24
HSL	16°, 44%, 57%
HSV	16°, 49%, 76%
XYZ	31.8318, 27.0374, 15.3482
YIQ	142.6670, 49.4700, 6.5420

Conversions

Conversions Part 2

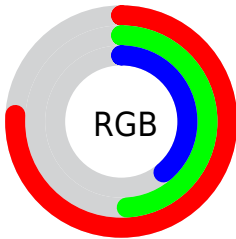
Format	Color
RYB	194, 135, 99
Decimal	12746083
CIELab	59.01, 23.91, 25.24
CIELCh	59, 34.767, 46.548
Yxy	27.0374, 0.4289, 0.3643
Android (android.graphics.Color)	4290936163 (0xFFC27D63)
YUV	142.6670, -21.5278, 45.0190
Hunter-Lab	51.9975, 18.2786, 18.8976

Details

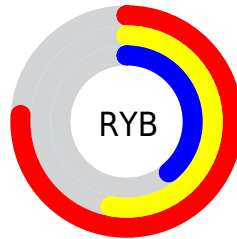
The Yxy color **27.0374, 0.4289, 0.3643** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **34.5486, 0.2415, 0.2888**, and the grayscale version is **27.4023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9254, 0.4047, 0.3589**, and **10.5985, 0.4698, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **23.3931, 0.4642, 0.3700**, and if you desaturate by 10%, it is **31.2795, 0.3974, 0.3573**.

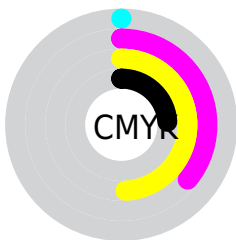
Distribution



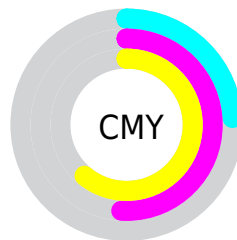
- Red (76%)
- Green (49%)
- Blue (39%)



- Red (76%)
- Yellow (53%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (24%)




- Cyan (24%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0374, 0.4289, 0.3643 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 27.0374, 0.4289, 0.3643 by changing the saturation by 10% instead.

 27.0374, 0.4289,
0.3643


 27.0374, 0.4289,
0.3643


287.8382, 0.3653,
0.3480


 17.6013, 0.4465,
0.3674


 54.9439, 0.4045,
0.3589


 10.6641, 0.4699,
0.3706


 74.1831, 0.3957,
0.3567

 5.8415, 0.5023,
0.3729

 97.4587, 0.3884,
0.3548

 2.7489, 0.5536,
0.3746

 125.1553, 0.3823,
0.3531

 1.0021, 0.6342,
0.3658

157.6571, 0.3771,
0.3516

 0.0000, 1.0000,
0.0000

195.3486, 0.3726,

 0.0000, 0.0000,

0.3503

0.0000

238.6141, 0.3687,
0.3491

■ 27.0374, 0.4289,
0.3643

■ 27.0374, 0.4289,
0.3643

■ 23.3931, 0.4642,
0.3700

■ 31.2795, 0.3974,
0.3573

■ 20.3149, 0.5021,
0.3733

■ 36.1411, 0.3701,
0.3498

■ 17.7741, 0.5397,
0.3730


■ 41.6478, 0.3470,
0.3423

■ 15.7376, 0.5735,
0.3685

■ 47.8225, 0.3275,
0.3351


■ 14.1637, 0.6003,
0.3603


■ 54.6869, 0.3111,
0.3283

 14.0232, 0.6029,
0.3595

 62.2617, 0.2974,
0.3221

 70.5669, 0.2859,
0.3164

 79.6213, 0.2762,
0.3112

 88.1869, 0.2770,
0.3255

Harmonies

Analogous

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



27.0374, 0.4072, 0.3192



27.0374, 0.4289, 0.3643



27.0374, 0.4157, 0.4061

Triad

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



27.0374, 0.4289, 0.3643



27.0374, 0.2645, 0.3877



27.0374, 0.2473, 0.2377

Complementary

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



27.0374, 0.4289, 0.3643



34.5486, 0.2415, 0.2888

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.



27.0374, 0.2166, 0.2459



27.0374, 0.4289, 0.3643



27.0374, 0.2253, 0.3285

Square

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



27.0374, 0.4289, 0.3643



27.0374, 0.3190, 0.4284



27.0374, 0.2089, 0.2767



27.0374, 0.2976, 0.2499

Rectangle

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



27.0374, 0.4289, 0.3643



27.0374, 0.3907, 0.4265



27.0374, 0.2089, 0.2767



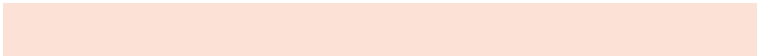
27.0374, 0.2347, 0.2380

Sweetspot

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



27.0387, 0.4289, 0.3643



79.4871, 0.3393, 0.3396



23.2454, 0.3483, 0.2393



16.8936, 0.3437, 0.3411



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.



27.0387, 0.4289, 0.3643



41.7998, 0.4679, 0.3704



41.8076, 0.3968, 0.4230



10.5166, 0.3282, 0.3354



9.3404, 0.6006, 0.3613



0.5228, 0.5552, 0.3974

Inverse Universe

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



34.5486, 0.2415, 0.2888



56.8958, 0.2285, 0.2780



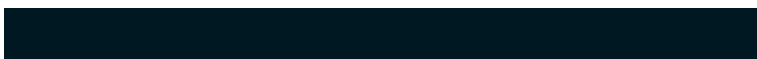
20.2646, 0.2269, 0.2115



10.9470, 0.2984, 0.3226



15.2073, 0.1996, 0.2385



0.7670, 0.2059, 0.2611

Previews

White Background



This preview shows how the Yxy color 27.0374, 0.4289, 0.3643 looks on a white background.

Color Contrast Check

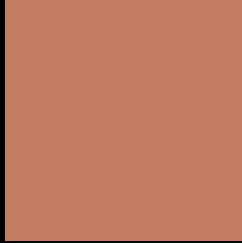
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0374, 0.4289, 0.3643 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 27.0374, 0.4289, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 27.0374, 0.4289, 0.3643.



This preview shows how white text looks on a background with the Yxy color 27.0374, 0.4289, 0.3643.

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

27.0374, 0.4289, 0.3643

Protanopia

27.1589, 0.3625, 0.3874

Deuteranopia

27.0174, 0.3955, 0.3880



Tritanopia

27.0222, 0.3947, 0.3171

Trichromacy



Original Color

27.0374, 0.4289, 0.3643

Protanomaly

26.9124, 0.3865, 0.3796

Deuteranomaly

26.9681, 0.4077, 0.3785

Tritanomaly

26.8531, 0.4071, 0.3333

Monochromacy



Original Color

27.0374, 0.4289, 0.3643

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8220, 0.3523, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0374, 0.4289, 0.3643 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(194, 125, 99)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 99)  
}
```

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(194, 125, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 99) }
```

Border

The CSS property to change the border of an element to Yxy 27.0374, 0.4289, 0.3643 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(194, 125, 99) }
```

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

```
.border{ border-color:rgb(194, 125, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 125, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 99);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0374, 0.4289, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 99) }
```

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

```
.background{ background-color: rgb(194,  
125, 99) }
```

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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