

Converting Colors

$Y_{xy}(27.5574, 0.4004, 0.3539)$

Have a look what the booklet for
Yxy(27.5574, 0.4004, 0.3539)
contains.

Yxy(27.5742, 0.4008, 0.3547)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.5742, 0.4008, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	BA8270
RGB	186, 130, 112
RGB Percent	73%, 51%, 44%
CMY	0.2706, 0.4902, 0.5608
CMYK	0.00, 0.30, 0.40, 0.27
HSL	15°, 35%, 58%
HSV	15°, 40%, 73%
XYZ	31.1580, 27.5742, 19.0073
YIQ	144.6920, 39.1540, 6.2740

Conversions

Conversions Part 2

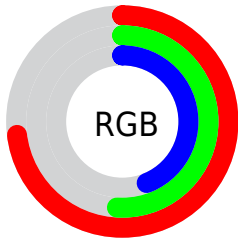
Format	Color
RYB	186, 136, 112
Decimal	12223088
CIELab	59.50, 19.32, 18.40
CIElCh	60, 26.678, 43.606
Yxy	27.5742, 0.4008, 0.3547
Android (android.graphics.Color)	4290413168 (0xFFBA8270)
YUV	144.6920, -16.1172, 36.2271
Hunter-Lab	52.5111, 14.0202, 15.2968

Details

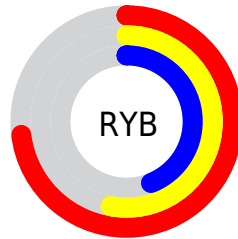
The Yxy color $27.5742, 0.4008, 0.3547$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.9949, 0.2543, 0.3012$, and the grayscale version is $28.2392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7804, 0.3823, 0.3499$, and $10.9328, 0.4334, 0.3602$ is the 20% darker color. If you saturate the color by 10%, you get $23.7113, 0.4334, 0.3608$, and if you desaturate by 10%, it is $32.0376, 0.3727, 0.3481$.

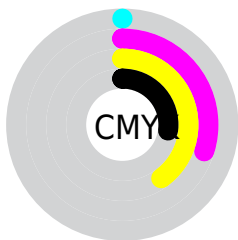
Distribution



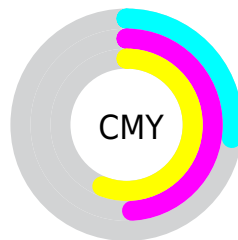
- Red (73%)
- Green (51%)
- Blue (44%)



- Red (73%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (27%)





- Cyan (27%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5742, 0.4008, 0.3547 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 27.5742, 0.4008, 0.3547 by changing the saturation by 10% instead.


 27.5742, 0.4008,
0.3547


 27.5742, 0.4008,
0.3547


290.4266, 0.3525,
0.3423


 18.0049, 0.4143,
0.3574


 55.8039, 0.3822,
0.3504


 10.9535, 0.4326,
0.3605


 75.2331, 0.3755,
0.3487

 6.0356, 0.4584,
0.3639

 98.7178, 0.3700,
0.3473

 2.8667, 0.4973,
0.3663

 126.6423, 0.3654,
0.3460

 1.0626, 0.6070,
0.3930

159.3911, 0.3615,
0.3449

 0.0000, 1.0000,
0.0000

197.3484, 0.3581,

 0.0000, 0.0000,

0.3439

0.0000

240.8988, 0.3551,
0.3431

■ 27.5742, 0.4008,
0.3547

■ 27.5742, 0.4008,
0.3547

■ 23.7113, 0.4334,
0.3608

■ 32.0376, 0.3727,
0.3481

■ 20.4188, 0.4701,
0.3656

■ 37.1218, 0.3489,
0.3414

■ 17.6703, 0.5092,
0.3681


■ 42.8512, 0.3290,
0.3349


■ 15.4352, 0.5479,
0.3673

■ 49.2474, 0.3124,
0.3289

■ 13.6797, 0.5820,
0.3624


■ 56.3312, 0.2985,
0.3233


 12.3600, 0.6087,
0.3546

 64.1225, 0.2869,
0.3182

 12.3365, 0.6092,
0.3545

 72.6403, 0.2771,
0.3136

 81.5236, 0.2718,
0.3155

 89.1800, 0.2731,
0.3289

Harmonies

Analogous

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



27.5742, 0.3816, 0.3190



27.5742, 0.4008, 0.3547



27.5742, 0.3942, 0.3872

Triad

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



27.5742, 0.4008, 0.3547



27.5742, 0.2801, 0.3768



27.5742, 0.2591, 0.2575

Complementary

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



27.5742, 0.4008, 0.3547



34.9949, 0.2543, 0.3012

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.



27.5742, 0.2362, 0.2666



27.5742, 0.4008, 0.3547



27.5742, 0.2474, 0.3339

Square

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



27.5742, 0.4008, 0.3547



27.5742, 0.3231, 0.4047



27.5742, 0.2320, 0.2933



27.5742, 0.2973, 0.2653

Rectangle

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



27.5742, 0.4008, 0.3547



27.5742, 0.3768, 0.4026



27.5742, 0.2320, 0.2933



27.5742, 0.2495, 0.2585

Sweetspot

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



27.5755, 0.4008, 0.3547



75.0540, 0.3335, 0.3364



24.8818, 0.3368, 0.2525



16.2222, 0.3360, 0.3373



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.



27.5755, 0.4008, 0.3547



43.6248, 0.4300, 0.3602



38.9807, 0.3810, 0.4029



9.3577, 0.3282, 0.3346



8.3995, 0.6070, 0.3562



0.3957, 0.5559, 0.3968

Inverse Universe

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



34.9949, 0.2543, 0.3012



58.9312, 0.2427, 0.2937



23.4195, 0.2452, 0.2417



9.8304, 0.2985, 0.3233



15.2723, 0.2026, 0.2494



0.6287, 0.2090, 0.2723

Previews

White Background



This preview shows how the Yxy color 27.5742, 0.4008, 0.3547 looks on a white background.

Color Contrast Check

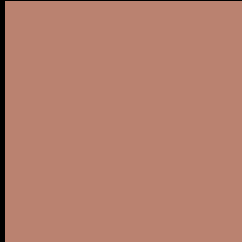
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5742, 0.4008, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

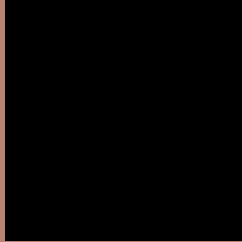
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5742, 0.4008, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 27.5742, 0.4008, 0.3547.



This preview shows how white text looks on a background with the Yxy color 27.5742, 0.4008, 0.3547.

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

27.5742, 0.4008, 0.3547

Protanopia

27.6283, 0.3483, 0.3695

Deuteranopia

27.7597, 0.3777, 0.3702



Tritanopia

27.6477, 0.3753, 0.3166

Trichromacy



Original Color

27.5742, 0.4008, 0.3547

Protanomaly

27.3304, 0.3662, 0.3633

Deuteranomaly

27.5896, 0.3863, 0.3648

Tritanomaly

27.5354, 0.3848, 0.3306

Monochromacy



Original Color

27.5742, 0.4008, 0.3547

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9232, 0.3422, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5742, 0.4008, 0.3547 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(186, 130, 112)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 112)  
}
```

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(186, 130, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 112) }
```

Border

The CSS property to change the border of an element to Yxy 27.5742, 0.4008, 0.3547 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(186, 130, 112) }
```

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

```
.border{ border-color:rgb(186, 130, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 112);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5742, 0.4008, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 112) }
```

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

```
.background{ background-color: rgb(186,  
130, 112) }
```

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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