

Converting Colors

$Yxy(32.5633, 0.3825, 0.3594)$

Have a look what the booklet for
Yxy(32.5633, 0.3825, 0.3594)
contains.

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Color

Yxy(32.5249, 0.3827, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	BD917C
RGB	189, 145, 124
RGB Percent	74%, 57%, 49%
CMY	0.2589, 0.4313, 0.5136
CMYK	0.00, 0.23, 0.34, 0.26
HSL	19°, 33%, 61%
HSV	19°, 34%, 74%
XYZ	34.7495, 32.5249, 23.5265
YIQ	155.7620, 32.9650, 2.7970

Conversions

Conversions Part 2

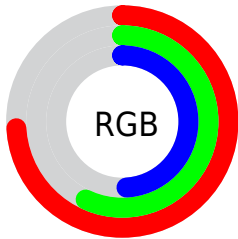
Format	Color
RYB	189, 155, 124
Decimal	12423548
CIELab	63.77, 13.67, 17.53
CIELCh	64, 22.229, 52.050
Yxy	32.5249, 0.3827, 0.3582
Android (android.graphics.Color)	4290613628 (0xFFBD917C)
YUV	155.7620, -15.6587, 29.1497
Hunter-Lab	57.0306, 8.9589, 15.4628

Details

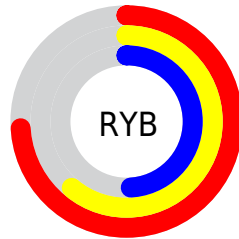
The Yxy color **32.5249, 0.3827, 0.3582** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9733, 0.2606, 0.2975**, and the grayscale version is **33.1957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6140, 0.3680, 0.3527**, and **13.5817, 0.4064, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **28.3996, 0.4110, 0.3668**, and if you desaturate by 10%, it is **37.1855, 0.3582, 0.3493**.

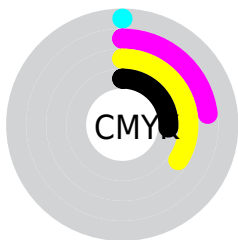
Distribution



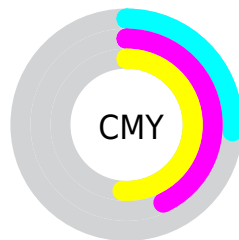
- Red (74%)
- Green (57%)
- Blue (49%)



- Red (74%)
- Yellow (61%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5249, 0.3827, 0.3582 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 32.5249, 0.3827, 0.3582 by changing the saturation by 10% instead.


 32.5249, 0.3827,
0.3582

 32.5249, 0.3827,
0.3582


313.5034, 0.3453,
0.3437

 21.7627, 0.3928,
0.3617


 63.6331, 0.3686,
0.3530

 13.6827, 0.4062,
0.3660


 84.7479, 0.3634,
0.3510

 7.9003, 0.4249,
0.3714


 110.0823, 0.3591,
0.3494

 4.0312, 0.4522,
0.3780

140.0208, 0.3555,
0.3479

 1.6910, 0.5060,
0.3929

174.9478, 0.3524,
0.3467

 0.4178, 0.6362,
0.3638


215.2477, 0.3497,


 0.0000, 0.0000,


0.3455


0.0000


261.3047, 0.3474,
0.3446

 32.5249, 0.3827,
0.3582

 32.5249, 0.3827,
0.3582


 28.3996, 0.4110,
0.3668


 37.1855, 0.3582,
0.3493


 24.7852, 0.4429,
0.3744


 42.3954, 0.3373,
0.3407

 21.6621, 0.4777,
0.3801


 48.1741, 0.3196,
0.3324

 19.0076, 0.5135,
0.3825

 54.5383, 0.3046,
0.3248


 16.7969, 0.5475,
0.3807

 61.5044, 0.2919,
0.3177


 15.0022, 0.5765,
0.3740

 69.0877, 0.2811,
0.3112

 14.1569, 0.5907,
0.3692

 77.2176, 0.2726,
0.3067

 84.7939, 0.2739,
0.3207

 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.



32.5249, 0.3730, 0.3296



32.5249, 0.3827, 0.3582



32.5249, 0.3724, 0.3815

Triad

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



32.5249, 0.3827, 0.3582



32.5249, 0.2787, 0.3576



32.5249, 0.2778, 0.2720

Complementary

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



32.5249, 0.3827, 0.3582



35.9733, 0.2606, 0.2975

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.



32.5249, 0.2552, 0.2759



32.5249, 0.3827, 0.3582



32.5249, 0.2556, 0.3237

Square

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



32.5249, 0.3827, 0.3582



32.5249, 0.3115, 0.3835



32.5249, 0.2474, 0.2939



32.5249, 0.3108, 0.2817

Rectangle

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



32.5249, 0.3827, 0.3582



32.5249, 0.3561, 0.3903



32.5249, 0.2474, 0.2939



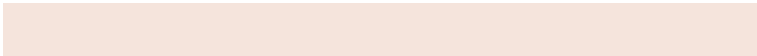
32.5249, 0.2688, 0.2717

Sweetspot

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



32.5264, 0.3827, 0.3582



80.1708, 0.3295, 0.3371



28.0845, 0.3388, 0.2695



16.9323, 0.3320, 0.3383



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.



32.5264, 0.3827, 0.3582



52.7834, 0.4029, 0.3645



43.7499, 0.3686, 0.3995



10.0258, 0.3280, 0.3365



9.6508, 0.5884, 0.3710



0.4996, 0.5406, 0.4090

Inverse Universe

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



35.9733, 0.2606, 0.2975



59.8332, 0.2502, 0.2897



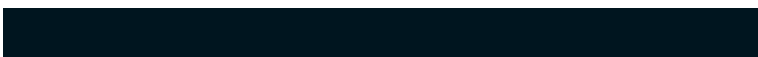
25.5538, 0.2540, 0.2468



10.2760, 0.2985, 0.3214



12.9989, 0.1948, 0.2213



0.6229, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 32.5249, 0.3827, 0.3582 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.5249, 0.3827, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

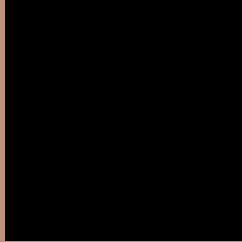
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5249, 0.3827, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 32.5249, 0.3827, 0.3582.



This preview shows how white text looks on a background with the Yxy color 32.5249, 0.3827, 0.3582.

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

32.5249, 0.3827, 0.3582

Protanopia

32.4827, 0.3459, 0.3669

Deuteranopia

32.6283, 0.3722, 0.3663



Tritanopia

32.5232, 0.3568, 0.3143

Trichromacy



Original Color

32.5249, 0.3827, 0.3582

Protanomaly

32.4362, 0.3585, 0.3644

Deuteranomaly

32.6771, 0.3759, 0.3645

Tritanomaly

32.3754, 0.3664, 0.3292

Monochromacy



Original Color

32.5249, 0.3827, 0.3582

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7949, 0.3369, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5249, 0.3827, 0.3582 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, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(189, 145, 124)  
}
```

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, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 145, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.5249, 0.3827, 0.3582 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, 145, 124) }
```

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

```
.border{ border-color:rgb(189, 145, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 145, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 145, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 145, 124);  
box-shadow:4px 4px 4px 4px rgb(189, 145,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5249, 0.3827, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 145, 124) }
```

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

```
.background{ background-color: rgb(189,  
145, 124) }
```

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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