

Converting Colors

$Yxy(32.1451, 0.3794, 0.3586)$

Have a look what the booklet for
Yxy(32.1451, 0.3794, 0.3586)
contains.

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Color

Yxy(32.1451, 0.3794, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	BA917C
RGB	186, 145, 124
RGB Percent	73%, 57%, 49%
CMY	0.2707, 0.4313, 0.5137
CMYK	0.00, 0.22, 0.33, 0.27
HSL	20°, 31%, 61%
HSV	20°, 33%, 73%
XYZ	34.0096, 32.1451, 23.4858
YIQ	154.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

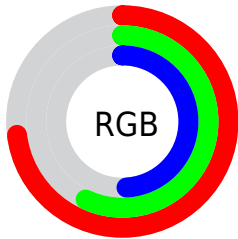
Format	Color
R _Y B	186, 156, 124
Decimal	12226940
CIE Lab	63.46, 12.46, 17.06
CIE LCh	63, 21.125, 53.862
Yxy	32.1451, 0.3794, 0.3586
Android (android.graphics.Color)	4290417020 (0xFFBA917C)
YUV	154.8650, -15.2164, 27.3054
Hunter-Lab	56.6966, 7.8545, 15.1276

Details

The Yxy color **32.1451, 0.3794, 0.3586** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7332, 0.2620, 0.2971**, and the grayscale version is **32.7743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0759, 0.3655, 0.3529**, and **13.4189, 0.4032, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **28.1626, 0.4069, 0.3677**, and if you desaturate by 10%, it is **36.6261, 0.3556, 0.3493**.

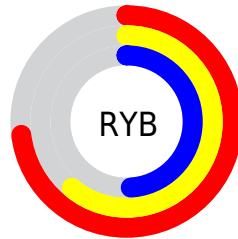
Distribution



Red (73%)

Green (57%)

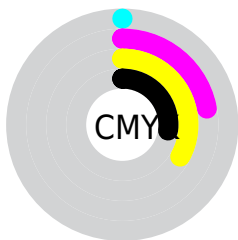
Blue (49%)



Red (73%)

Yellow (61%)

Blue (49%)

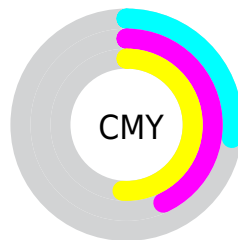


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1451, 0.3794, 0.3586 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 32.1451, 0.3794, 0.3586 by changing the saturation by 10% instead.


 32.1451, 0.3794,
0.3586

 32.1451, 0.3794,
0.3586


311.7797, 0.3437,
0.3438

 21.4724, 0.3891,
0.3622


 63.0385, 0.3659,
0.3532

 13.4697, 0.4019,
0.3668


 84.0279, 0.3610,
0.3512

 7.7528, 0.4198,
0.3725


 109.2250, 0.3569,
0.3495

 3.9372, 0.4463,
0.3798

139.0142, 0.3534,
0.3480

 1.6385, 0.4992,
0.3967

173.7799, 0.3505,
0.3468

 0.3833, 0.6355,
0.3645

213.9064, 0.3479,

 0.0000, 0.0000,

0.3456

0.0000

259.7782, 0.3457,
0.3446

■ 32.1451, 0.3794,
0.3586

■ 32.1451, 0.3794,
0.3586

■ 28.1626, 0.4069,
0.3677

■ 36.6261, 0.3556,
0.3493

■ 24.6562, 0.4378,
0.3758

■ 41.6179, 0.3352,
0.3403

■ 21.6083, 0.4716,
0.3821


■ 47.1381, 0.3179,
0.3317


■ 18.9984, 0.5066,
0.3853

■ 53.2022, 0.3032,
0.3237

■ 16.8042, 0.5403,
0.3843

■ 59.8247, 0.2907,
0.3164


 15.0010, 0.5695,
0.3783

 67.0199, 0.2800,
0.3097

 13.9938, 0.5864,
0.3726

 74.8012, 0.2709,
0.3036

 81.9821, 0.2719,
0.3163

 89.1761, 0.2731,
0.3289

Harmonies

Analogous

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



32.1451, 0.3713, 0.3313



32.1451, 0.3794, 0.3586



32.1451, 0.3686, 0.3802

Triad

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



32.1451, 0.3794, 0.3586



32.1451, 0.2786, 0.3544



32.1451, 0.2811, 0.2747

Complementary

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



32.1451, 0.3794, 0.3586



34.7332, 0.2620, 0.2971

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.



32.1451, 0.2587, 0.2776



32.1451, 0.3794, 0.3586



32.1451, 0.2573, 0.3222

Square

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



32.1451, 0.3794, 0.3586



32.1451, 0.3096, 0.3797



32.1451, 0.2502, 0.2942



32.1451, 0.3130, 0.2846

Rectangle

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



32.1451, 0.3794, 0.3586



32.1451, 0.3525, 0.3878



32.1451, 0.2502, 0.2942



32.1451, 0.2723, 0.2741

Sweetspot

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



32.1466, 0.3794, 0.3586



78.5051, 0.3294, 0.3375



27.5838, 0.3389, 0.2728



16.9845, 0.3320, 0.3388



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.



32.1466, 0.3794, 0.3586



52.8922, 0.3992, 0.3653



42.8052, 0.3663, 0.3985



9.4964, 0.3279, 0.3368



9.5432, 0.5840, 0.3745



0.4539, 0.5332, 0.4148

Inverse Universe

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



34.7332, 0.2620, 0.2971



58.2810, 0.2513, 0.2889



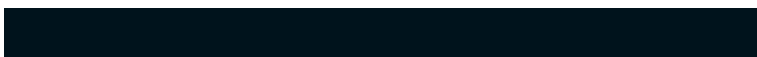
24.9755, 0.2559, 0.2482



9.6841, 0.2985, 0.3211



12.0532, 0.1933, 0.2158



0.5346, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 32.1451, 0.3794, 0.3586 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 32.1451, 0.3794, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

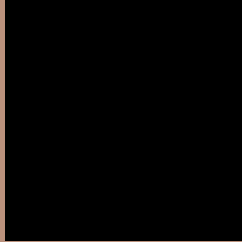
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1451, 0.3794, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 32.1451, 0.3794, 0.3586.



This preview shows how white text looks on a background with the Yxy color 32.1451, 0.3794, 0.3586.

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

32.1451, 0.3794, 0.3586

Protanopia

32.3511, 0.3458, 0.3686

Deuteranopia

32.1936, 0.3715, 0.3651



Tritanopia

32.1356, 0.3536, 0.3141

Trichromacy



Original Color

32.1451, 0.3794, 0.3586

Protanomaly

32.3235, 0.3574, 0.3646

Deuteranomaly

32.2426, 0.3752, 0.3633

Tritanomaly

31.9904, 0.3631, 0.3292

Monochromacy



Original Color

32.1451, 0.3794, 0.3586

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2538, 0.3350, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1451, 0.3794, 0.3586 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, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 145, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.1451, 0.3794, 0.3586 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, 145, 124) }
```

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

```
.border{ border-color:rgb(186, 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(186, 145, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 145, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 145, 124);  
box-shadow:4px 4px 4px 4px rgb(186, 145,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1451, 0.3794, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 145, 124) }
```

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

```
.background{ background-color: rgb(186,  
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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