

Converting Colors

$Yxy(33.0445, 0.3941, 0.3573)$

Have a look what the booklet for
Yxy(33.0445, 0.3941, 0.3573)
contains.

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Color

Yxy(32.9204, 0.3947, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	C58F7A
RGB	197, 143, 122
RGB Percent	77%, 56%, 48%
CMY	0.2273, 0.4392, 0.5216
CMYK	0.00, 0.27, 0.38, 0.23
HSL	17°, 39%, 63%
HSV	17°, 38%, 77%
XYZ	36.3663, 32.9204, 22.8499
YIQ	156.7520, 38.9250, 4.9170

Conversions

Conversions Part 2

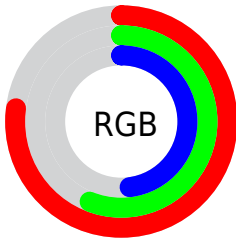
Format	Color
R_{YB}	197, 151, 122
Decimal	12947322
CIE _{Lab}	64.10, 17.74, 19.25
CIE _{LCh}	64, 26.177, 47.326
Yxy	32.9204, 0.3947, 0.3573
Android (android.graphics.Color)	4291137402 (0xFFC58F7A)
YUV	156.7520, -17.1327, 35.2975
Hunter-Lab	57.3763, 12.7285, 16.5514

Details

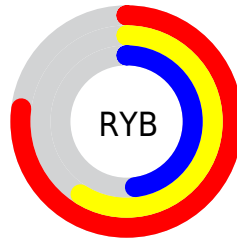
The Yxy color **32.9204, 0.3947, 0.3573** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2338, 0.2558, 0.2983**, and the grayscale version is **33.6663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2485, 0.3785, 0.3532**, and **13.7981, 0.4222, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **28.4880, 0.4257, 0.3645**, and if you desaturate by 10%, it is **37.9939, 0.3679, 0.3496**.

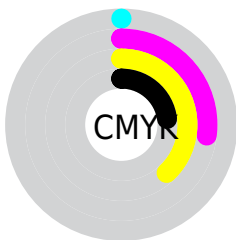
Distribution



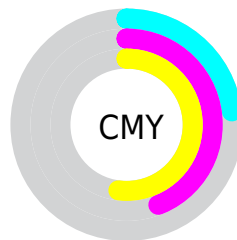
- Red (77%)
- Green (56%)
- Blue (48%)



- Red (77%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (23%)




- Cyan (23%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9204, 0.3947, 0.3573 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 32.9204, 0.3947, 0.3573 by changing the saturation by 10% instead.


 32.9204, 0.3947,
0.3573


 32.9204, 0.3947,
0.3573


315.2909, 0.3510,
0.3437

 22.0655, 0.4065,
0.3604


 64.2512, 0.3782,
0.3526

 13.9050, 0.4220,
0.3640


 85.4959, 0.3722,
0.3507

 8.0546, 0.4436,
0.3682


 110.9727, 0.3672,
0.3491

 4.1299, 0.4749,
0.3727

141.0659, 0.3629,
0.3478

 1.7465, 0.5373,
0.3848

176.1599, 0.3593,
0.3466

 0.4535, 0.6559,
0.3441

216.6391, 0.3562,

 0.0000, 0.0000,

0.3455

0.0000

262.8880, 0.3534,
0.3446

■ 32.9204, 0.3947,
0.3573

■ 32.9204, 0.3947,
0.3573

■ 28.4880, 0.4257,
0.3645

■ 37.9939, 0.3679,
0.3496

■ 24.6658, 0.4606,
0.3705

■ 43.7283, 0.3451,
0.3419

■ 21.4275, 0.4981,
0.3741


■ 50.1482, 0.3259,
0.3346

■ 18.7428, 0.5356,
0.3743


■ 57.2759, 0.3098,
0.3277

■ 16.5782, 0.5697,
0.3702

■ 65.1321, 0.2963,
0.3214

 14.8937, 0.5969,
0.3620

 73.7372, 0.2849,
0.3156

 14.6185, 0.6017,
0.3604

 82.7894, 0.2779,
0.3154

 90.6138, 0.2789,
0.3289

Harmonies

Analogous

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



32.9204, 0.3797, 0.3240



32.9204, 0.3947, 0.3573



32.9204, 0.3859, 0.3864

Triad

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



32.9204, 0.3947, 0.3573



32.9204, 0.2782, 0.3686



32.9204, 0.2668, 0.2625

Complementary

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



32.9204, 0.3947, 0.3573



39.2338, 0.2558, 0.2983

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.



32.9204, 0.2433, 0.2692



32.9204, 0.3947, 0.3573



32.9204, 0.2494, 0.3287

Square

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



32.9204, 0.3947, 0.3573



32.9204, 0.3174, 0.3967



32.9204, 0.2371, 0.2922



32.9204, 0.3037, 0.2715

Rectangle

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



32.9204, 0.3947, 0.3573



32.9204, 0.3684, 0.3990



32.9204, 0.2371, 0.2922



32.9204, 0.2572, 0.2629

Sweetspot

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



32.9220, 0.3947, 0.3573



86.1047, 0.3315, 0.3368



28.9682, 0.3384, 0.2584



18.0868, 0.3341, 0.3378



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.



32.9220, 0.3947, 0.3573



52.0316, 0.4212, 0.3636



45.7281, 0.3769, 0.4030



11.1121, 0.3283, 0.3355



9.7355, 0.5994, 0.3623



0.5865, 0.5571, 0.3958

Inverse Universe

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



39.2338, 0.2558, 0.2983



64.9352, 0.2441, 0.2901



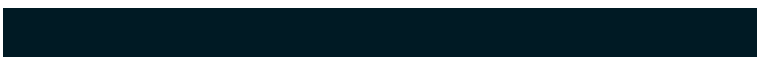
26.7824, 0.2475, 0.2418



11.5464, 0.2984, 0.3224



15.4992, 0.1990, 0.2363



0.8516, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 32.9204, 0.3947, 0.3573 looks on a white background.

Color Contrast Check

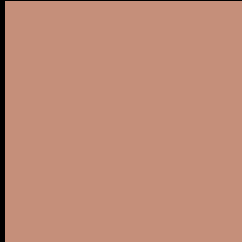
Large Text (above 18pt) WCAG AA × Fail

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 32.9204, 0.3947, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

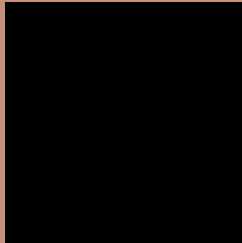
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9204, 0.3947, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 32.9204, 0.3947, 0.3573.



This preview shows how white text looks on a background with the Yxy color 32.9204, 0.3947, 0.3573.

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

32.9204, 0.3947, 0.3573

Protanopia

33.0005, 0.3487, 0.3696

Deuteranopia

32.8205, 0.3764, 0.3689



Tritanopia

32.9466, 0.3683, 0.3147

Trichromacy



Original Color

32.9204, 0.3947, 0.3573

Protanomaly

32.9867, 0.3650, 0.3652

Deuteranomaly

32.8127, 0.3828, 0.3654

Tritanomaly

32.7917, 0.3781, 0.3292

Monochromacy



Original Color

32.9204, 0.3947, 0.3573

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2407, 0.3411, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9204, 0.3947, 0.3573 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(197, 143, 122)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 122)  
}
```

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(197, 143, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 122) }
```

Border

The CSS property to change the border of an element to Yxy 32.9204, 0.3947, 0.3573 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(197, 143, 122) }
```

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

```
.border{ border-color:rgb(197, 143, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 122);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9204, 0.3947, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 122) }
```

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

```
.background{ background-color: rgb(197,  
143, 122) }
```

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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