

Converting Colors

$Yxy(32.8783, 0.3931, 0.3554)$

Have a look what the booklet for
Yxy(32.8783, 0.3931, 0.3554)
contains.

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Color

Yxy(32.9453, 0.3936, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	C58F7B
RGB	197, 143, 123
RGB Percent	77%, 56%, 48%
CMY	0.2274, 0.4392, 0.5177
CMYK	0.00, 0.27, 0.38, 0.23
HSL	16°, 39%, 63%
HSV	16°, 38%, 77%
XYZ	36.4249, 32.9453, 23.1728
YIQ	156.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

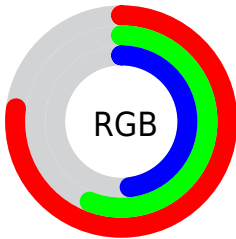
Format	Color
RYB	197, 150, 123
Decimal	12947323
CIELab	64.12, 17.85, 18.72
CIELCh	64, 25.869, 46.366
Yxy	32.9453, 0.3936, 0.3560
Android (android.graphics.Color)	4291137403 (0xFFC58F7B)
YUV	156.8660, -16.6959, 35.1975
Hunter-Lab	57.3980, 12.8301, 16.2420

Details

The Yxy color **32.9453, 0.3936, 0.3560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6836, 0.2566, 0.2998**, and the grayscale version is **33.7176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3271, 0.3768, 0.3511**, and **13.8114, 0.4206, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **28.4594, 0.4247, 0.3630**, and if you desaturate by 10%, it is **38.0867, 0.3668, 0.3486**.

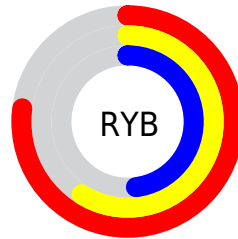
Distribution



Red (77%)

Green (56%)

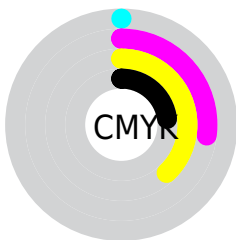
Blue (48%)



Red (77%)

Yellow (59%)

Blue (48%)

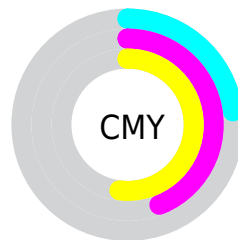


Cyan (0%)

Magenta (27%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (44%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9453, 0.3936, 0.3560 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 32.9453, 0.3936, 0.3560 by changing the saturation by 10% instead.


 32.9453, 0.3936,
0.3560


 32.9453, 0.3936,
0.3560


315.4032, 0.3505,
0.3431

 22.0845, 0.4052,
0.3589


 64.2901, 0.3773,
0.3515

 13.9190, 0.4206,
0.3624


 85.5430, 0.3714,
0.3497

 8.0644, 0.4419,
0.3664

 111.0287, 0.3664,
0.3482

 4.1362, 0.4729,
0.3706

141.1315, 0.3622,
0.3469

 1.7500, 0.5333,
0.3812

176.2360, 0.3587,
0.3458

 0.4557, 0.6560,
0.3440

216.7266, 0.3556,

 0.0000, 0.0000,

0.3448

0.0000

262.9875, 0.3529,
0.3439

■ 32.9453, 0.3936,
0.3560

■ 32.9453, 0.3936,
0.3560

■ 28.4594, 0.4247,
0.3630

■ 38.0867, 0.3668,
0.3486

■ 24.5973, 0.4597,
0.3688

■ 43.9040, 0.3441,
0.3411

■ 21.3319, 0.4975,
0.3724

■ 50.4226, 0.3251,
0.3341


■ 18.6320, 0.5356,
0.3727


■ 57.6654, 0.3091,
0.3274

■ 16.4631, 0.5702,
0.3687


■ 65.6537, 0.2957,
0.3214

 14.7847, 0.5979,
0.3607

 74.4085, 0.2844,
0.3158

 14.4429, 0.6039,
0.3587

 83.5641, 0.2780,
0.3168

 90.6118, 0.2789,
0.3289

Harmonies

Analogous

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



32.9453, 0.3781, 0.3230



32.9453, 0.3936, 0.3560



32.9453, 0.3856, 0.3850

Triad

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



32.9453, 0.3936, 0.3560



32.9453, 0.2797, 0.3692



32.9453, 0.2663, 0.2632

Complementary

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



32.9453, 0.3936, 0.3560



39.6836, 0.2566, 0.2998

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.



32.9453, 0.2436, 0.2703



32.9453, 0.3936, 0.3560



32.9453, 0.2508, 0.3300

Square

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



32.9453, 0.3936, 0.3560



32.9453, 0.3187, 0.3964



32.9453, 0.2381, 0.2937



32.9453, 0.3025, 0.2716

Rectangle

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



32.9453, 0.3936, 0.3560



32.9453, 0.3687, 0.3978



32.9453, 0.2381, 0.2937



32.9453, 0.2570, 0.2638

Sweetspot

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



32.9469, 0.3936, 0.3560



85.9539, 0.3315, 0.3366



29.2191, 0.3379, 0.2594



18.0510, 0.3341, 0.3375



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.



32.9469, 0.3936, 0.3560



52.3920, 0.4185, 0.3618



45.8385, 0.3760, 0.4020



11.0958, 0.3283, 0.3353



9.6187, 0.6016, 0.3605



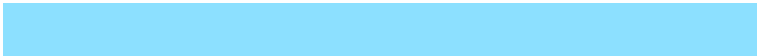
0.5792, 0.5593, 0.3941

Inverse Universe

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



39.6836, 0.2566, 0.2998



66.1132, 0.2457, 0.2924



27.0731, 0.2485, 0.2432



11.5637, 0.2984, 0.3226



15.8620, 0.1999, 0.2396



0.8664, 0.2057, 0.2604

Previews

White Background



This preview shows how the Yxy color 32.9453, 0.3936, 0.3560 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 32.9453, 0.3936, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

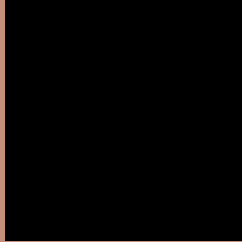
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9453, 0.3936, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 32.9453, 0.3936, 0.3560.



This preview shows how white text looks on a background with the Yxy color 32.9453, 0.3936, 0.3560.

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

32.9453, 0.3936, 0.3560

Protanopia

33.0270, 0.3477, 0.3681

Deuteranopia

32.8451, 0.3754, 0.3675



Tritanopia

32.9466, 0.3683, 0.3147

Trichromacy



Original Color

32.9453, 0.3936, 0.3560

Protanomaly

33.0126, 0.3639, 0.3638

Deuteranomaly

32.8374, 0.3818, 0.3640

Tritanomaly

32.7917, 0.3781, 0.3292

Monochromacy



Original Color

32.9453, 0.3936, 0.3560

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2715, 0.3401, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9453, 0.3936, 0.3560 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 123) }
```

Border

The CSS property to change the border of an element to Yxy 32.9453, 0.3936, 0.3560 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, 123) }
```

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

```
.border{ border-color:rgb(197, 143, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 123);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9453, 0.3936, 0.3560 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, 123) }
```

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

```
.background{ background-color: rgb(197,  
143, 123) }
```

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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