

Converting Colors

$Yxy(44.1624, 0.3801, 0.3322)$

Have a look what the booklet for
Yxy(44.1624, 0.3801, 0.3322)
contains.

Yxy(44.2893, 0.3801, 0.3327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.2893, 0.3801, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	E3A19E
RGB	227, 161, 158
RGB Percent	89%, 63%, 62%
CMY	0.1097, 0.3686, 0.3804
CMYK	0.00, 0.29, 0.30, 0.11
HSL	3°, 55%, 75%
HSV	3°, 30%, 89%
XYZ	50.5992, 44.2893, 38.2323
YIQ	180.3920, 40.2990, 13.0590

Conversions

Conversions Part 2

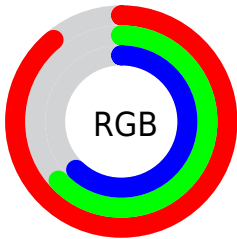
Format	Color
RYB	227, 161, 158
Decimal	14918046
CIELab	72.42, 24.11, 11.35
CIELCh	72, 26.646, 25.218
Yxy	44.2893, 0.3801, 0.3327
Android (android.graphics.Color)	4293108126 (0xFFE3A19E)
YUV	180.3920, -11.0393, 40.8752
Hunter-Lab	66.5502, 19.2537, 12.5237

Details

The Yxy color **44.2893, 0.3801, 0.3327** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.1421, 0.2687, 0.3253**, and the grayscale version is **45.9094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1758, 0.3438, 0.3321**, and **20.5449, 0.3996, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **36.6379, 0.4134, 0.3340**, and if you desaturate by 10%, it is **53.4076, 0.3529, 0.3314**.

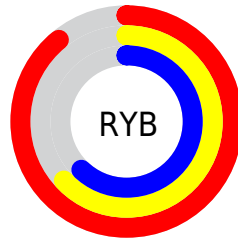
Distribution



Red (89%)

Green (63%)

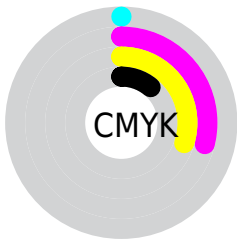
Blue (62%)



Red (89%)

Yellow (63%)

Blue (62%)

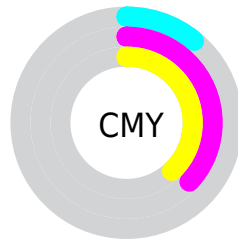


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2893, 0.3801, 0.3327 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 44.2893, 0.3801, 0.3327 by changing the saturation by 10% instead.


 44.2893, 0.3801,
0.3327

 44.2893, 0.3801,
0.3327

363.8875, 0.3458,
0.3316

 30.8980, 0.3888,
0.3327


 81.6529, 0.3675,
0.3325

 20.5212, 0.4001,
0.3326


 106.3940, 0.3628,
0.3324

 12.7745, 0.4153,
0.3321


135.6871, 0.3589,
0.3322

 7.2734, 0.4366,
0.3309

169.9167, 0.3555,
0.3321

 3.6337, 0.4687,
0.3280

209.4672, 0.3526,
0.3320

 1.4708, 0.5243,
0.3218

254.7229, 0.3500,

 0.2681, 0.7588,

0.3319

0.2412

306.0682, 0.3478,
0.3317

0.0000, 0.0000,
0.0000

44.2893, 0.3801,
0.3327

44.2893, 0.3801,
0.3327

36.6379, 0.4134,
0.3340

53.4076, 0.3529,
0.3314

30.3709, 0.4531,
0.3351

64.0571, 0.3310,
0.3302

25.4074, 0.4981,
0.3358

76.3058, 0.3133,
0.3290

21.6557, 0.5452,
0.3358

90.2160, 0.2992,
0.3280

19.0118, 0.5885,
0.3350

95.0736, 0.2958,
0.3290

■ 17.3546, 0.6206,
0.3334

■ 16.5471, 0.6376,
0.3319

Harmonies

Analogous

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



44.2893, 0.3525, 0.3030



44.2893, 0.3801, 0.3327



44.2893, 0.3883, 0.3633

Triad

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



44.2893, 0.3801, 0.3327



44.2893, 0.3073, 0.3860



44.2893, 0.2527, 0.2705

Complementary

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



44.2893, 0.3801, 0.3327



66.1421, 0.2687, 0.3253

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.



44.2893, 0.2425, 0.2882



44.2893, 0.3801, 0.3327



44.2893, 0.2726, 0.3562

Square

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



44.2893, 0.3801, 0.3327



44.2893, 0.3448, 0.3972



44.2893, 0.2495, 0.3193



44.2893, 0.2783, 0.2681

Rectangle

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



44.2893, 0.3801, 0.3327



44.2893, 0.3815, 0.3807



44.2893, 0.2495, 0.3193



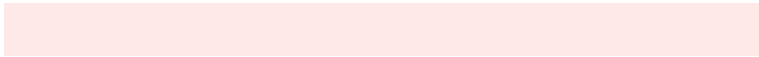
44.2893, 0.2474, 0.2747

Sweetspot

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



44.2914, 0.3801, 0.3327



85.3921, 0.3284, 0.3300



46.2105, 0.3182, 0.2559



17.8068, 0.3312, 0.3302



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.



44.2914, 0.3801, 0.3327



51.6143, 0.3987, 0.3335



57.7485, 0.3685, 0.3712



14.4676, 0.3291, 0.3301



9.6922, 0.6368, 0.3326



0.7518, 0.6278, 0.3397

Inverse Universe

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



66.1421, 0.2687, 0.3253



84.0357, 0.2614, 0.3245



49.7354, 0.2638, 0.2826



16.2236, 0.2982, 0.3279



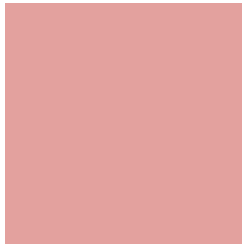
32.2715, 0.2210, 0.3155



2.4181, 0.2215, 0.3175

Previews

White Background



This preview shows how the Yxy color 44.2893, 0.3801, 0.3327 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 44.2893, 0.3801, 0.3327 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 44.2893, 0.3801, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 44.2893, 0.3801, 0.3327.



This preview shows how white text looks on a background with the Yxy color 44.2893, 0.3801, 0.3327.

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

44.2893, 0.3801, 0.3327

Protanopia

44.4246, 0.3272, 0.3423

Deuteranopia

44.2226, 0.3558, 0.3482



Tritanopia

44.2305, 0.3688, 0.3152

Trichromacy



Original Color

44.2893, 0.3801, 0.3327

Protanomaly

44.0855, 0.3457, 0.3380

Deuteranomaly

44.0688, 0.3646, 0.3415

Tritanomaly

44.3888, 0.3734, 0.3222

Monochromacy



Original Color

44.2893, 0.3801, 0.3327

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7360, 0.3354, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2893, 0.3801, 0.3327 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(227, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(227, 161, 158)  
}
```

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(227, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 161, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.2893, 0.3801, 0.3327 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(227, 161, 158) }
```

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

```
.border{ border-color:rgb(227, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 161, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 161, 158); box-shadow:4px 4px 4px 4px rgb(227, 161, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2893, 0.3801, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 161, 158) }
```

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

```
.background{ background-color: rgb(227,  
161, 158) }
```

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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