

Converting Colors

$Yxy(24.0463, 0.3842, 0.3434)$

Have a look what the booklet for
Yxy(24.0463, 0.3842, 0.3434)
contains.

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Color

Yxy(24.0387, 0.3840, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	AB7B72
RGB	171, 123, 114
RGB Percent	67%, 48%, 45%
CMY	0.3293, 0.5177, 0.5529
CMYK	0.00, 0.28, 0.33, 0.33
HSL	9°, 25%, 56%
HSV	9°, 33%, 67%
XYZ	26.9200, 24.0387, 19.1454
YIQ	136.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

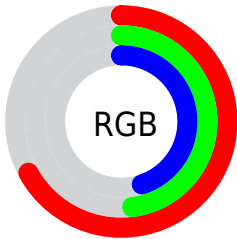
Format	Color
R_{YB}	171, 125, 114
Decimal	11238258
CIE _{Lab}	56.13, 17.47, 12.31
CIE _{LCh}	56, 21.370, 35.171
Yxy	24.0387, 0.3840, 0.3429
Android (android.graphics.Color)	4289428338 (0xFFAB7B72)
YUV	136.3260, -11.0067, 30.4091
Hunter-Lab	49.0293, 12.2058, 11.1684

Details

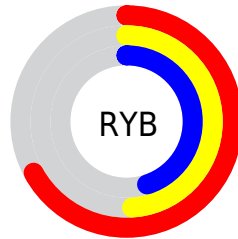
The Yxy color $24.0387, 0.3840, 0.3429$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.3797, 0.2644, 0.3145$, and the grayscale version is $24.7837, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1347, 0.3676, 0.3408$, and $9.0728, 0.4113, 0.3466$ is the 20% darker color. If you saturate the color by 10%, you get $20.3703, 0.4154, 0.3471$, and if you desaturate by 10%, it is $28.3086, 0.3577, 0.3385$.

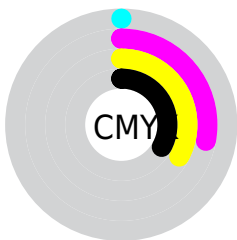
Distribution



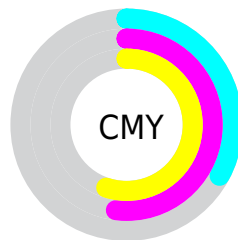
- Red (67%)
- Green (48%)
- Blue (45%)



- Red (67%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0387, 0.3840, 0.3429 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 24.0387, 0.3840, 0.3429 by changing the saturation by 10% instead.


 24.0387, 0.3840,
0.3429


 24.0387, 0.3840,
0.3429


273.0161, 0.3441,
0.3362


 15.3623, 0.3956,
0.3444


 50.0933, 0.3683,
0.3406


 9.0741, 0.4117,
0.3460


 68.2404, 0.3628,
0.3396

 4.7895, 0.4354,
0.3477

 90.3132, 0.3583,
0.3389

 2.1243, 0.4730,
0.3485

 116.6960, 0.3545,
0.3382

 0.6782, 0.6170,
0.3830

147.7733, 0.3513,
0.3376

 0.0000, 1.0000,
0.0000

183.9295, 0.3485,

 0.0000, 0.0000,

0.3370

0.0000

225.5490, 0.3462,
0.3366

■ 24.0387, 0.3840,
0.3429

■ 24.0387, 0.3840,
0.3429

■ 20.3703, 0.4154,
0.3471

■ 28.3086, 0.3577,
0.3385

■ 17.2729, 0.4520,
0.3507

■ 33.2017, 0.3359,
0.3343

■ 14.7186, 0.4928,
0.3532


■ 38.7430, 0.3180,
0.3303


■ 12.6758, 0.5354,
0.3536


■ 44.9551, 0.3032,
0.3266

■ 11.1094, 0.5755,
0.3513


■ 51.8594, 0.2910,
0.3232


 9.9799, 0.6075,
0.3463

 59.4764, 0.2809,
0.3201

 9.4412, 0.6240,
0.3427

 67.8258, 0.2725,
0.3174

 76.9264, 0.2654,
0.3148

 85.9346, 0.2654,
0.3263

Harmonies

Analogous

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



24.0387, 0.3625, 0.3127



24.0387, 0.3840, 0.3429



24.0387, 0.3848, 0.3718

Triad

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



24.0387, 0.3840, 0.3429



24.0387, 0.2953, 0.3769



24.0387, 0.2605, 0.2690

Complementary

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



24.0387, 0.3840, 0.3429



32.3797, 0.2644, 0.3145

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.



24.0387, 0.2451, 0.2815



24.0387, 0.3840, 0.3429



24.0387, 0.2642, 0.3438

Square

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



24.0387, 0.3840, 0.3429



24.0387, 0.3324, 0.3947



24.0387, 0.2463, 0.3082



24.0387, 0.2899, 0.2715

Rectangle

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



24.0387, 0.3840, 0.3429



24.0387, 0.3738, 0.3866



24.0387, 0.2463, 0.3082



24.0387, 0.2536, 0.2715

Sweetspot

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



24.0398, 0.3840, 0.3429



62.4464, 0.3298, 0.3330



23.3251, 0.3262, 0.2590



13.6330, 0.3324, 0.3335



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0398, 0.3840, 0.3429



38.0940, 0.4067, 0.3460



32.0334, 0.3706, 0.3840



8.2114, 0.3283, 0.3326



7.1670, 0.6227, 0.3438



0.2600, 0.5748, 0.3818

Inverse Universe

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



32.3797, 0.2644, 0.3145



55.3159, 0.2550, 0.3108



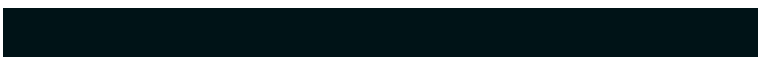
23.5620, 0.2585, 0.2669



8.8541, 0.2986, 0.3253



17.3358, 0.2108, 0.2790



0.5389, 0.2155, 0.2956

Previews

White Background



This preview shows how the Yxy color 24.0387, 0.3840, 0.3429 looks on a white background.

Color Contrast Check

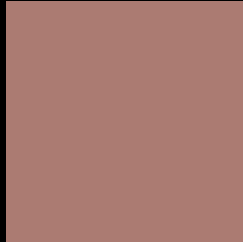
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0387, 0.3840, 0.3429 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 × Fail

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

Yxy 24.0387, 0.3840, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 24.0387, 0.3840, 0.3429.



This preview shows how white text looks on a background with the Yxy color 24.0387, 0.3840, 0.3429.

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

24.0387, 0.3840, 0.3429

Protanopia

24.0690, 0.3359, 0.3530

Deuteranopia

24.2254, 0.3634, 0.3568



Tritanopia

24.1707, 0.3670, 0.3156

Trichromacy



Original Color

24.0387, 0.3840, 0.3429

Protanomaly

23.9487, 0.3526, 0.3489

Deuteranomaly

23.9481, 0.3709, 0.3515

Tritanomaly

24.1450, 0.3730, 0.3262

Monochromacy



Original Color

24.0387, 0.3840, 0.3429

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1807, 0.3372, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0387, 0.3840, 0.3429 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(171, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(171, 123, 114)  
}
```

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(171, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 123, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.0387, 0.3840, 0.3429 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(171, 123, 114) }
```

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

```
.border{ border-color:rgb(171, 123, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 123, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(171, 123,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0387, 0.3840, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 123, 114) }
```

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

```
.background{ background-color: rgb(171,  
123, 114) }
```

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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