

Converting Colors

$Y_{xy}(24.1420, 0.3846, 0.3430)$

Have a look what the booklet for
Yxy(24.1420, 0.3846, 0.3430)
contains.

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Color

Yxy(24.1515, 0.3852, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	AC7B72
RGB	172, 123, 114
RGB Percent	67%, 48%, 45%
CMY	0.3256, 0.5176, 0.5529
CMYK	0.00, 0.28, 0.34, 0.33
HSL	9°, 26%, 56%
HSV	9°, 34%, 67%
XYZ	27.1308, 24.1515, 19.1508
YIQ	136.6250, 32.0930, 7.5890

Conversions

Conversions Part 2

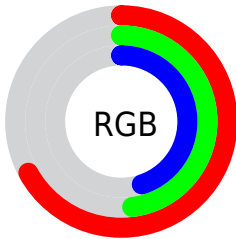
Format	Color
R _Y B	172, 125, 114
Decimal	11303794
CIE Lab	56.24, 17.84, 12.49
CIE LCh	56, 21.778, 35.006
Yxy	24.1515, 0.3852, 0.3429
Android (android.graphics.Color)	4289493874 (0xFFAC7B72)
YUV	136.6250, -11.1541, 31.0239
Hunter-Lab	49.1442, 12.5414, 11.2965

Details

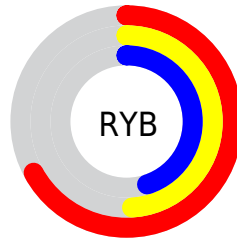
The Yxy color $24.1515, 0.3852, 0.3429$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.7395, 0.2639, 0.3145$, and the grayscale version is $24.9016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4619, 0.3695, 0.3407$, and $9.1425, 0.4132, 0.3464$ is the 20% darker color. If you saturate the color by 10%, you get $20.4563, 0.4169, 0.3471$, and if you desaturate by 10%, it is $28.4574, 0.3586, 0.3386$.

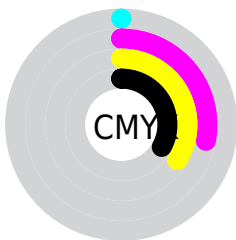
Distribution



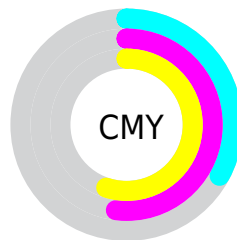
- Red (67%)
- Green (48%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (33%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1515, 0.3852, 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 24.1515, 0.3852, 0.3429 by changing the saturation by 10% instead.


 24.1515, 0.3852,
0.3429


 24.1515, 0.3852,
0.3429


273.5855, 0.3446,
0.3362

 15.4460, 0.3970,
0.3443


 50.2773, 0.3693,
0.3406

 9.1330, 0.4133,
0.3460


 68.4665, 0.3637,
0.3397

 4.8281, 0.4373,
0.3476

 90.5856, 0.3591,
0.3389

 2.1467, 0.4753,
0.3481

 117.0192, 0.3552,
0.3382

 0.6907, 0.6180,
0.3820

148.1516, 0.3520,
0.3376

 0.0000, 1.0000,
0.0000

184.3672, 0.3492,

 0.0000, 0.0000,

0.3371

0.0000

226.0503, 0.3468,
0.3366

■ 24.1515, 0.3852,
0.3429

■ 24.1515, 0.3852,
0.3429

■ 20.4563, 0.4169,
0.3471

■ 28.4574, 0.3586,
0.3386

■ 17.3408, 0.4537,
0.3506

■ 33.3963, 0.3367,
0.3344

■ 14.7763, 0.4948,
0.3529


■ 38.9937, 0.3186,
0.3304

■ 12.7303, 0.5375,
0.3532


■ 45.2727, 0.3037,
0.3267


■ 11.1671, 0.5773,
0.3508

■ 52.2553, 0.2914,
0.3234


 10.0459, 0.6090,
0.3457

 59.9622, 0.2813,
0.3203

 9.5405, 0.6244,
0.3424

 68.4137, 0.2728,
0.3176

 77.6290, 0.2656,
0.3151

 86.7067, 0.2660,
0.3275

Harmonies

Analogous

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



24.1515, 0.3632, 0.3122



24.1515, 0.3852, 0.3429



24.1515, 0.3862, 0.3723

Triad

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



24.1515, 0.3852, 0.3429



24.1515, 0.2952, 0.3780



24.1515, 0.2595, 0.2680

Complementary

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



24.1515, 0.3852, 0.3429



32.7395, 0.2639, 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.



24.1515, 0.2439, 0.2808



24.1515, 0.3852, 0.3429



24.1515, 0.2635, 0.3443

Square

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



24.1515, 0.3852, 0.3429



24.1515, 0.3329, 0.3960



24.1515, 0.2453, 0.3080



24.1515, 0.2893, 0.2705

Rectangle

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



24.1515, 0.3852, 0.3429



24.1515, 0.3750, 0.3874



24.1515, 0.2453, 0.3080



24.1515, 0.2525, 0.2706

Sweetspot

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



24.1526, 0.3852, 0.3429



64.0509, 0.3299, 0.3329



23.4579, 0.3264, 0.2581



13.6278, 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.



24.1526, 0.3852, 0.3429



39.0164, 0.4068, 0.3459



32.3395, 0.3714, 0.3846



8.2089, 0.3283, 0.3326



7.1550, 0.6230, 0.3435



0.2590, 0.5755, 0.3813

Inverse Universe

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



32.7395, 0.2639, 0.3145



56.8394, 0.2550, 0.3110



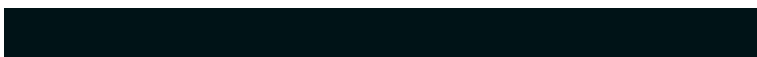
23.6868, 0.2578, 0.2661



8.8568, 0.2986, 0.3254



17.4120, 0.2110, 0.2796



0.5405, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 24.1515, 0.3852, 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 24.1515, 0.3852, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

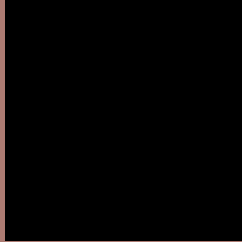
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1515, 0.3852, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 24.1515, 0.3852, 0.3429.



This preview shows how white text looks on a background with the Yxy color 24.1515, 0.3852, 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

24.1515, 0.3852, 0.3429

Protanopia

24.3467, 0.3356, 0.3547

Deuteranopia

24.2254, 0.3634, 0.3568



Tritanopia

24.2851, 0.3682, 0.3157

Trichromacy



Original Color

24.1515, 0.3852, 0.3429

Protanomaly

24.2160, 0.3523, 0.3505

Deuteranomaly

24.0524, 0.3721, 0.3514

Tritanomaly

24.2585, 0.3742, 0.3262

Monochromacy



Original Color

24.1515, 0.3852, 0.3429

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5715, 0.3370, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1515, 0.3852, 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(172, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.1515, 0.3852, 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(172, 123, 114) }
```

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

```
.border{ border-color:rgb(172, 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(172, 123, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1515, 0.3852, 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(172, 123, 114) }
```

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

```
.background{ background-color: rgb(172,  
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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