

Converting Colors

Yxy(15.2024, 0.5144, 0.3369)

Have a look what the booklet for
Yxy(15.2024, 0.5144, 0.3369)
contains.

Yxy(15.2024, 0.5144, 0.3369)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2024, 0.5144, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	B94741
RGB	185, 71, 65
RGB Percent	73%, 28%, 25%
CMY	0.2746, 0.7215, 0.7451
CMYK	0.00, 0.62, 0.65, 0.27
HSL	3°, 48%, 49%
HSV	3°, 65%, 73%
XYZ	23.2120, 15.2024, 6.7100
YIQ	104.4020, 69.8700, 22.3020

Conversions

Conversions Part 2

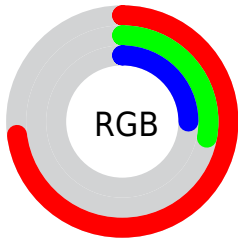
Format	Color
RYB	185, 71, 65
Decimal	12142401
CIELab	45.91, 45.68, 27.74
CIELCh	46, 53.443, 31.273
Yxy	15.2024, 0.5144, 0.3369
Android (android.graphics.Color)	4290332481 (0xFFB94741)
YUV	104.4020, -19.4252, 70.6844
Hunter-Lab	38.9903, 38.0330, 17.0897

Details

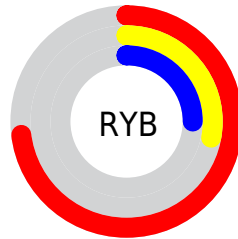
The Yxy color **15.2024, 0.5144, 0.3369** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **36.8455, 0.2342, 0.3191**, and the grayscale version is **13.9978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2004, 0.4667, 0.3409**, and **4.7565, 0.5982, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **13.1014, 0.5602, 0.3366**, and if you desaturate by 10%, it is **18.0213, 0.4689, 0.3363**.

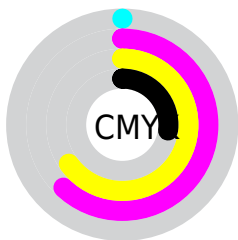
Distribution



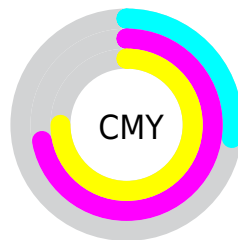
- Red (73%)
- Green (28%)
- Blue (25%)



- Red (73%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (65%)
- Black (27%)





- Cyan (27%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2024, 0.5144, 0.3369 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 15.2024, 0.5144, 0.3369 by changing the saturation by 10% instead.


 15.2024, 0.5144,
0.3369


 15.2024, 0.5144,
0.3369


224.5880, 0.3955,
0.3399

 8.9616, 0.5500,
0.3314


 35.2079, 0.4666,
0.3408


 4.7161, 0.5984,
0.3201

 49.7413, 0.4501,
0.3413

 2.0817, 0.6920,
0.3080

 67.8076, 0.4366,
0.3414

 0.6543, 0.7617,
0.2383

 89.7914, 0.4255,
0.3413

 0.0000, 1.0000,
0.0000

 116.0769, 0.4162,
0.3410

 0.0000, 0.0000,
0.0000

 147.0486, 0.4083,

0.3407

183.0909, 0.4015,
0.3403

■ 15.2024, 0.5144,
0.3369

■ 15.2024, 0.5144,
0.3369

■ 13.1014, 0.5602,
0.3366

■ 18.0213, 0.4689,
0.3363

■ 11.6511, 0.5999,
0.3354

■ 21.6122, 0.4277,
0.3352

■ 10.7762, 0.6271,
0.3332

■ 26.0272, 0.3925,
0.3339

■ 10.5143, 0.6365,
0.3328

■ 31.3128, 0.3634,
0.3324

■ 37.5124, 0.3397,
0.3310

■ 44.6662, 0.3206,
0.3296

■ 52.8122, 0.3052,
0.3284

■ 61.9863, 0.2927,
0.3273

■ 72.2225, 0.2826,
0.3263

Harmonies

Analogous

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



15.2024, 0.4446, 0.2705



15.2024, 0.5144, 0.3369



15.2024, 0.5123, 0.4091

Triad

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



15.2024, 0.5144, 0.3369



15.2024, 0.2650, 0.4977



15.2024, 0.1707, 0.1772

Complementary

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



15.2024, 0.5144, 0.3369



36.8455, 0.2342, 0.3191

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.



15.2024, 0.1418, 0.2022



15.2024, 0.5144, 0.3369



15.2024, 0.1862, 0.3829

Square

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



15.2024, 0.5144, 0.3369



15.2024, 0.3622, 0.5298



15.2024, 0.1455, 0.2689



15.2024, 0.2347, 0.1835

Rectangle

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



15.2024, 0.5144, 0.3369



15.2024, 0.4769, 0.4587



15.2024, 0.1455, 0.2689



15.2024, 0.1574, 0.1817

Sweetspot

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



15.2033, 0.5144, 0.3369



62.0570, 0.3496, 0.3316



17.3456, 0.3272, 0.1890



12.7070, 0.3564, 0.3320



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



15.2033, 0.5144, 0.3369



22.1876, 0.5788, 0.3362



26.9227, 0.4496, 0.4164



9.0827, 0.3286, 0.3302



7.1929, 0.6356, 0.3335



0.2782, 0.6184, 0.3472

Inverse Universe

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



36.8455, 0.2342, 0.3191



63.7821, 0.2260, 0.3167



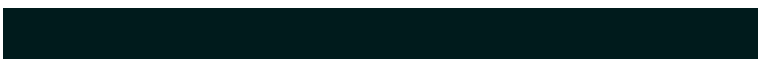
17.8159, 0.2093, 0.2127



10.1311, 0.2985, 0.3278



23.4793, 0.2204, 0.3135



0.8515, 0.2216, 0.3177

Previews

White Background



This preview shows how the Yxy color 15.2024, 0.5144, 0.3369 looks on a white background.

Color Contrast Check

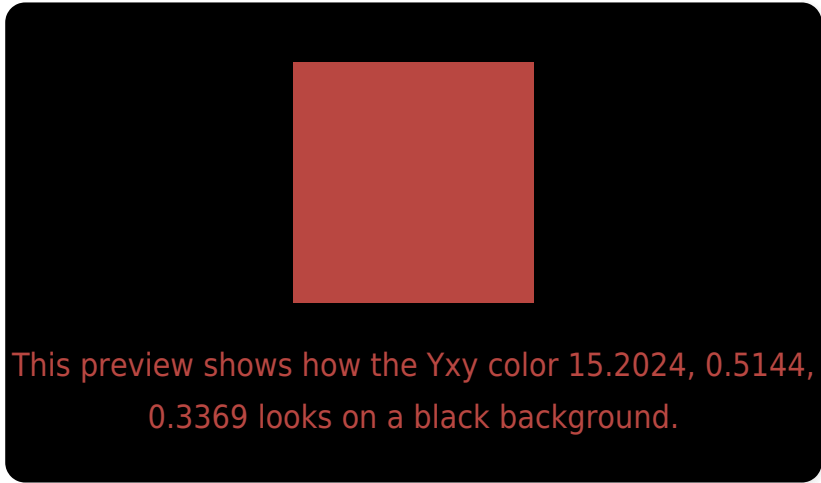
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 15.2024, 0.5144, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 15.2024, 0.5144, 0.3369.



This preview shows how white text looks on a background with the Yxy color 15.2024, 0.5144, 0.3369.

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

15.2024, 0.5144, 0.3369

Protanopia

15.3680, 0.3638, 0.3885

Deuteranopia

15.2847, 0.4194, 0.4117



Tritanopia

15.1890, 0.5007, 0.3246

Trichromacy



Original Color

15.2024, 0.5144, 0.3369

Protanomaly

14.4432, 0.4178, 0.3653

Deuteranomaly

14.7635, 0.4578, 0.3796

Tritanomaly

15.1495, 0.5057, 0.3283

Monochromacy



Original Color

15.2024, 0.5144, 0.3369

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.3790, 0.3820, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2024, 0.5144, 0.3369 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(185, 71, 65)` looks like.

```
.text, #text, p{  
    color:rgb(185, 71, 65)  
}
```

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(185, 71, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 71, 65) }
```

Border

The CSS property to change the border of an element to Yxy 15.2024, 0.5144, 0.3369 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(185, 71, 65) }
```

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

```
.border{ border-color:rgb(185, 71, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 71, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 71, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 71, 65);  
box-shadow:4px 4px 4px 4px rgb(185, 71,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2024, 0.5144, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 71, 65) }
```

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

```
.background{ background-color: rgb(185, 71,  
65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor