

Converting Colors

Yxy(44.6138, 0.3247, 0.3448)

Have a look what the booklet for
Yxy(44.6138, 0.3247, 0.3448)
contains.

Yxy(44.4546, 0.3244, 0.3437)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.4546, 0.3244, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2A7
RGB	181, 178, 167
RGB Percent	71%, 70%, 65%
CMY	0.2900, 0.3020, 0.3451
CMYK	0.00, 0.02, 0.08, 0.29
HSL	47°, 9%, 68%
HSV	47°, 8%, 71%
XYZ	41.9583, 44.4546, 42.9284
YIQ	177.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

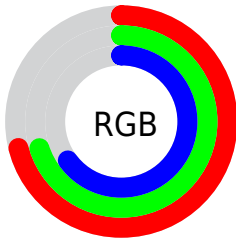
Format	Color
RYB	171, 181, 167
Decimal	11907751
CIELab	72.53, -0.89, 5.99
CIElCh	73, 6.053, 98.441
Yxy	44.4546, 0.3244, 0.3437
Android (android.graphics.Color)	4290097831 (0xFFB5B2A7)
YUV	177.6430, -5.2470, 2.9441
Hunter-Lab	66.6743, -4.3494, 8.4980

Details

The Yxy color **44.4546, 0.3244, 0.3437** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3211, 0.3010, 0.3139**, and the grayscale version is **44.3522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1241, 0.3223, 0.3414**, and **20.4942, 0.3277, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **42.2917, 0.3405, 0.3634**, and if you desaturate by 10%, it is **46.7599, 0.3095, 0.3249**.

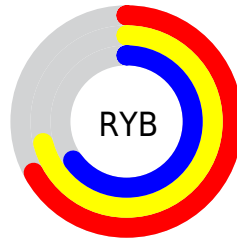
Distribution



Red (71%)

Green (70%)

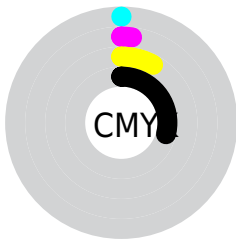
Blue (65%)



Red (67%)

Yellow (71%)

Blue (65%)

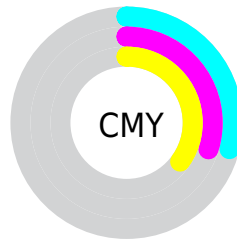


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4546, 0.3244, 0.3437 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 44.4546, 0.3244, 0.3437 by changing the saturation by 10% instead.

■ 44.4546, 0.3244,
0.3437

■ 44.4546, 0.3244,
0.3437

364.5602, 0.3185,
0.3363

■ 31.0281, 0.3259,
0.3456

■ 81.9014, 0.3223,
0.3410

■ 20.6202, 0.3278,
0.3480

■ 106.6904, 0.3214,
0.3400

■ 12.8467, 0.3304,
0.3513

136.0357, 0.3208,
0.3391

■ 7.3231, 0.3340,
0.3559

170.3217, 0.3202,
0.3384

■ 3.6649, 0.3394,
0.3629

209.9327, 0.3197,
0.3378

■ 1.4880, 0.3486,
0.3749

255.2532, 0.3192,

■ 0.2802, 0.4661,

0.3372

0.5339

306.6676, 0.3189,
0.3367

0.0000, 0.0000,
0.0000

44.4546, 0.3244,
0.3437

44.4546, 0.3244,
0.3437

42.2917, 0.3405,
0.3634

46.7599, 0.3095,
0.3249

40.2612, 0.3576,
0.3834

49.2059, 0.2958,
0.3071

38.3604, 0.3754,
0.4033

51.7982, 0.2834,
0.2905

36.5846, 0.3933,
0.4222

54.5405, 0.2722,
0.2753

34.9285, 0.4107,
0.4391

57.2729, 0.2635,
0.2638

■ 33.3862, 0.4270,
0.4531

■ 59.0885, 0.2640,
0.2684

■ 31.9514, 0.4412,
0.4632

■ 60.9510, 0.2645,
0.2730

■ 30.6166, 0.4529,
0.4688

■ 62.8609, 0.2650,
0.2776

■ 29.3702, 0.4617,
0.4700

■ 64.8183, 0.2655,
0.2822

Harmonies

Analogous

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



44.4546, 0.3290, 0.3401



44.4546, 0.3244, 0.3437



44.4546, 0.3167, 0.3433

Triad

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



44.4546, 0.3244, 0.3437



44.4546, 0.2966, 0.3240



44.4546, 0.3173, 0.3195

Complementary

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



44.4546, 0.3244, 0.3437



40.3211, 0.3010, 0.3139

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.



44.4546, 0.3086, 0.3152



44.4546, 0.3244, 0.3437



44.4546, 0.2967, 0.3177

Square

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



44.4546, 0.3244, 0.3437



44.4546, 0.3007, 0.3317



44.4546, 0.3011, 0.3145



44.4546, 0.3248, 0.3262

Rectangle

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



44.4546, 0.3244, 0.3437



44.4546, 0.3109, 0.3407



44.4546, 0.3011, 0.3145



44.4546, 0.3144, 0.3177

Sweetspot

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



44.4565, 0.3244, 0.3437



81.9098, 0.3157, 0.3328



40.3793, 0.3229, 0.3246



17.7133, 0.3155, 0.3326



91.1408, 0.3127, 0.3290



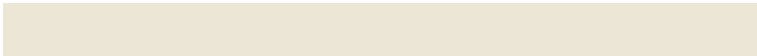
17.8868, 0.3127, 0.3290

Same Dimension

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



44.4565, 0.3244, 0.3437



79.0260, 0.3266, 0.3464



45.2360, 0.3207, 0.3479



9.5874, 0.3268, 0.3467



20.1547, 0.4630, 0.4706



0.7122, 0.4486, 0.4820

Inverse Universe

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



40.3211, 0.3010, 0.3139



70.3726, 0.2988, 0.3110



39.6051, 0.3043, 0.3098



8.5194, 0.2985, 0.3106



3.3993, 0.1569, 0.0846



0.1925, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 44.4546, 0.3244, 0.3437 looks on a white background.

Color Contrast Check

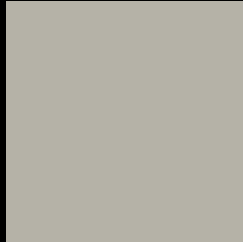
Large Text (above 18pt) WCAG AA × Fail

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 44.4546, 0.3244, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

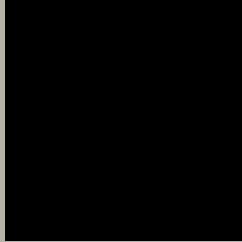
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

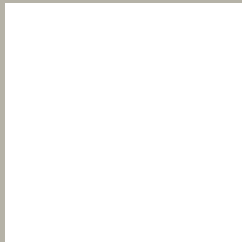
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4546, 0.3244, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 44.4546, 0.3244, 0.3437.



This preview shows how white text looks on a background with the Yxy color 44.4546, 0.3244, 0.3437.

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

44.4546, 0.3244, 0.3437

Protanopia

44.4246, 0.3272, 0.3423

Deuteranopia

44.4743, 0.3409, 0.3342



Tritanopia

44.5244, 0.3092, 0.3109

Trichromacy



Original Color

44.4546, 0.3244, 0.3437

Protanomaly

44.3016, 0.3263, 0.3423

Deuteranomaly

44.3057, 0.3341, 0.3369

Tritanomaly

44.4541, 0.3148, 0.3225

Monochromacy



Original Color

44.4546, 0.3244, 0.3437

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4805, 0.3168, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4546, 0.3244, 0.3437 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(181, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 167)  
}
```

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(181, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.4546, 0.3244, 0.3437 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(181, 178, 167) }
```

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

```
.border{ border-color:rgb(181, 178, 167) }
```

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

Here you see how a box with a 4 pixel rgb(181, 178, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4546, 0.3244, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 167) }
```

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

```
.background{ background-color: rgb(181,  
178, 167) }
```

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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