

Converting Colors

$Y_{xy}(45.3193, 0.3430, 0.3517)$

Have a look what the booklet for
Yxy(45.3193, 0.3430, 0.3517)
contains.

Yxy(45.4168, 0.3432, 0.3524)	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(45.4168, 0.3432, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	C2B19F
RGB	194, 177, 159
RGB Percent	76%, 69%, 62%
CMY	0.2391, 0.3059, 0.3765
CMYK	0.00, 0.09, 0.18, 0.24
HSL	31°, 22%, 69%
HSV	31°, 18%, 76%
XYZ	44.2311, 45.4168, 39.2306
YIQ	180.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

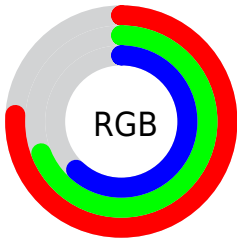
Format	Color
RYB	192, 194, 159
Decimal	12759455
CIELab	73.17, 3.13, 11.42
CIELCh	73, 11.840, 74.663
Yxy	45.4168, 0.3432, 0.3524
Android (android.graphics.Color)	4290949535 (0xFFC2B19F)
YUV	180.0310, -10.3683, 12.2508
Hunter-Lab	67.3920, -0.7818, 12.6601

Details

The Yxy color $45.4168, 0.3432, 0.3524$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.3204, 0.2846, 0.3044$, and the grayscale version is $45.7114, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.6421, 0.3375, 0.3482$, and $21.0735, 0.3516, 0.3574$ is the 20% darker color. If you saturate the color by 10%, you get $41.2009, 0.3633, 0.3661$, and if you desaturate by 10%, it is $49.9998, 0.3254, 0.3392$.

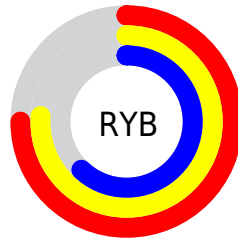
Distribution



Red (76%)

Green (69%)

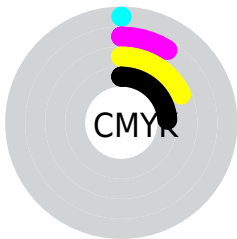
Blue (62%)



Red (75%)

Yellow (76%)

Blue (62%)

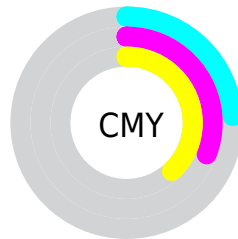


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4168, 0.3432, 0.3524 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 45.4168, 0.3432, 0.3524 by changing the saturation by 10% instead.


 45.4168, 0.3432,
0.3524


 45.4168, 0.3432,
0.3524


368.4590, 0.3278,
0.3408

 31.7859, 0.3471,
0.3553


 83.3455, 0.3376,
0.3482

 21.1980, 0.3520,
0.3590


 108.4121, 0.3355,
0.3466

 13.2688, 0.3587,
0.3638


138.0593, 0.3337,
0.3453

 7.6139, 0.3680,
0.3706

172.6715, 0.3322,
0.3441

 3.8489, 0.3820,
0.3804

212.6332, 0.3309,
0.3431

 1.5894, 0.4061,
0.3969

258.3288, 0.3298,

 0.3504, 0.5389,

0.3422

0.4611

310.1426, 0.3287,
0.3415

0.0000, 0.0000,
0.0000

45.4168, 0.3432,
0.3524

45.4168, 0.3432,
0.3524

41.2009, 0.3633,
0.3661

49.9998, 0.3254,
0.3392

37.3359, 0.3857,
0.3799

54.9534, 0.3098,
0.3266

33.8132, 0.4103,
0.3930

60.2888, 0.2962,
0.3150

30.6215, 0.4364,
0.4046

66.0149, 0.2843,
0.3042

27.7487, 0.4632,
0.4135

72.0755, 0.2745,
0.2953

■ 25.1817, 0.4893,
0.4184

■ 77.2882, 0.2754,
0.3058

■ 22.9057, 0.5130,
0.4183

■ 82.7862, 0.2762,
0.3161

■ 20.9013, 0.5332,
0.4130

■ 88.5740, 0.2771,
0.3262

■ 20.5384, 0.5370,
0.4118

■ 90.2120, 0.2773,
0.3289

Harmonies

Analogous

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



45.4168, 0.3455, 0.3406



45.4168, 0.3432, 0.3524



45.4168, 0.3326, 0.3582

Triad

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



45.4168, 0.3432, 0.3524



45.4168, 0.2872, 0.3309



45.4168, 0.3080, 0.3038

Complementary

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



45.4168, 0.3432, 0.3524



42.3204, 0.2846, 0.3044

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.



45.4168, 0.2927, 0.3009



45.4168, 0.3432, 0.3524



45.4168, 0.2810, 0.3160

Square

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



45.4168, 0.3432, 0.3524



45.4168, 0.3002, 0.3458



45.4168, 0.2830, 0.3051



45.4168, 0.3249, 0.3130

Rectangle

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



45.4168, 0.3432, 0.3524



45.4168, 0.3224, 0.3576



45.4168, 0.2830, 0.3051



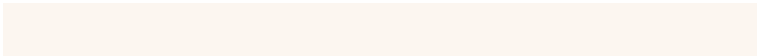
45.4168, 0.3025, 0.3021

Sweetspot

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



45.4188, 0.3432, 0.3524



93.1651, 0.3206, 0.3353



39.4193, 0.3306, 0.3064



20.2639, 0.3217, 0.3363



0.0000, 0.0000, 0.0000



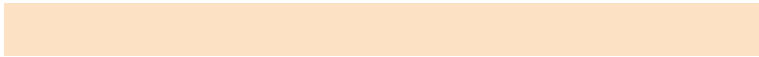
21.4041, 0.3127, 0.3290

Same Dimension

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



45.4188, 0.3432, 0.3524



78.9088, 0.3515, 0.3583



52.5672, 0.3395, 0.3734



10.9150, 0.3276, 0.3409



13.6653, 0.5351, 0.4133



0.7281, 0.5026, 0.4392

Inverse Universe

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



42.3204, 0.2846, 0.3044



72.1707, 0.2776, 0.2979



36.0585, 0.2833, 0.2804



10.5377, 0.2984, 0.3169



8.0177, 0.1764, 0.1549



0.4844, 0.1879, 0.1964

Previews

White Background



This preview shows how the Yxy color 45.4168, 0.3432, 0.3524 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 45.4168, 0.3432, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

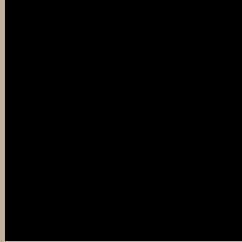
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4168, 0.3432, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 45.4168, 0.3432, 0.3524.



This preview shows how white text looks on a background with the Yxy color 45.4168, 0.3432, 0.3524.

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

45.4168, 0.3432, 0.3524

Protanopia

45.3431, 0.3355, 0.3541

Deuteranopia

45.2626, 0.3526, 0.3455



Tritanopia

45.4808, 0.3233, 0.3115

Trichromacy



Original Color

45.4168, 0.3432, 0.3524

Protanomaly

45.3260, 0.3384, 0.3526

Deuteranomaly

45.0895, 0.3486, 0.3469

Tritanomaly

45.3167, 0.3309, 0.3253

Monochromacy



Original Color

45.4168, 0.3432, 0.3524

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5330, 0.3237, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4168, 0.3432, 0.3524 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(194, 177, 159)` looks like.

```
.text, #text, p{  
    color:rgb(194, 177, 159)  
}
```

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(194, 177, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 177, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.4168, 0.3432, 0.3524 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(194, 177, 159) }
```

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

```
.border{ border-color:rgb(194, 177, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 177, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 177, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 177, 159);  
box-shadow:4px 4px 4px 4px rgb(194, 177,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4168, 0.3432, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 177, 159) }
```

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

```
.background{ background-color: rgb(194,  
177, 159) }
```

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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