

Converting Colors

$Y_{xy}(45.3952, 0.3371, 0.3452)$

Have a look what the booklet for
Yxy(45.3952, 0.3371, 0.3452)
contains.

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Color

Yxy(45.4621, 0.3379, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	C1B1A4
RGB	193, 177, 164
RGB Percent	76%, 69%, 64%
CMY	0.2432, 0.3058, 0.3568
CMYK	0.00, 0.08, 0.15, 0.24
HSL	27°, 19%, 70%
HSV	27°, 15%, 76%
XYZ	44.4106, 45.4621, 41.5586
YIQ	180.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

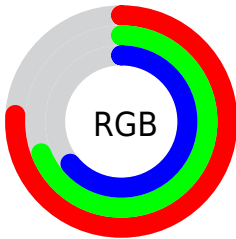
Format	Color
R_{YB}	193, 188, 164
Decimal	12693924
CIE Lab	73.20, 3.53, 8.71
CIE LCh	73, 9.396, 67.949
Yxy	45.4621, 0.3379, 0.3459
Android (android.graphics.Color)	4290884004 (0xFFC1B1A4)
YUV	180.3020, -8.0369, 11.1361
Hunter-Lab	67.4256, -0.4237, 10.6538

Details

The Yxy color $45.4621, 0.3379, 0.3459$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.3715, 0.2896, 0.3115$, and the grayscale version is $45.8507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7163, 0.3335, 0.3432$, and $21.0741, 0.3454, 0.3503$ is the 20% darker color. If you saturate the color by 10%, you get $40.7804, 0.3579, 0.3579$, and if you desaturate by 10%, it is $50.5809, 0.3205, 0.3345$.

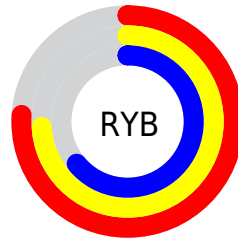
Distribution



Red (76%)

Green (69%)

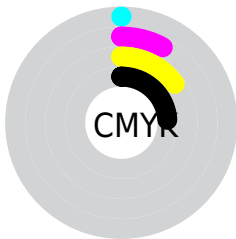
Blue (64%)



Red (76%)

Yellow (74%)

Blue (64%)

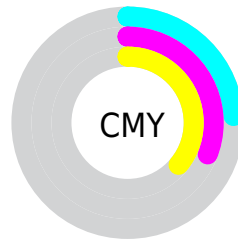


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4621, 0.3379, 0.3459 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 45.4621, 0.3379, 0.3459 by changing the saturation by 10% instead.


 45.4621, 0.3379,
0.3459

 45.4621, 0.3379,
0.3459


368.6419, 0.3252,
0.3375

 31.8216, 0.3411,
0.3480

 83.4134, 0.3333,
0.3429

 21.2252, 0.3452,
0.3506

 108.4930, 0.3315,
0.3417

 13.2887, 0.3508,
0.3542


138.1543, 0.3301,
0.3408

 7.6277, 0.3585,
0.3590

172.7819, 0.3288,
0.3399

 3.8576, 0.3703,
0.3662

212.7600, 0.3277,
0.3392

 1.5943, 0.3899,
0.3776

258.4731, 0.3268,

 0.3537, 0.5442,

0.3386

0.4558

310.3056, 0.3259,
0.3380

0.0000, 0.0000,
0.0000

45.4621, 0.3379,
0.3459

45.4621, 0.3379,
0.3459

40.7804, 0.3579,
0.3579

50.5809, 0.3205,
0.3345

36.5177, 0.3806,
0.3700

56.1424, 0.3055,
0.3237

32.6631, 0.4061,
0.3818

62.1598, 0.2925,
0.3138

29.2031, 0.4340,
0.3925

68.6438, 0.2813,
0.3047

26.1233, 0.4635,
0.4009

75.2458, 0.2745,
0.3020

■ 23.4082, 0.4931,
0.4057

■ 81.3515, 0.2755,
0.3137

■ 21.0405, 0.5210,
0.4058

■ 87.8246, 0.2764,
0.3251

■ 19.0012, 0.5451,
0.4005

■ 90.0741, 0.2768,
0.3289

■ 18.0936, 0.5561,
0.3967

Harmonies

Analogous

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



45.4621, 0.3381, 0.3359



45.4621, 0.3379, 0.3459



45.4621, 0.3309, 0.3516

Triad

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



45.4621, 0.3379, 0.3459



45.4621, 0.2944, 0.3334



45.4621, 0.3060, 0.3079

Complementary

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



45.4621, 0.3379, 0.3459



44.3715, 0.2896, 0.3115

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.



45.4621, 0.2946, 0.3069



45.4621, 0.3379, 0.3459



45.4621, 0.2880, 0.3213

Square

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



45.4621, 0.3379, 0.3459



45.4621, 0.3057, 0.3445



45.4621, 0.2881, 0.3116



45.4621, 0.3195, 0.3143

Rectangle

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



45.4621, 0.3379, 0.3459



45.4621, 0.3233, 0.3521



45.4621, 0.2881, 0.3116



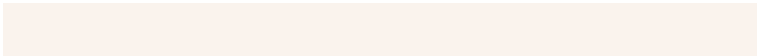
45.4621, 0.3018, 0.3069

Sweetspot

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



45.4641, 0.3379, 0.3459



90.5541, 0.3206, 0.3345



41.1997, 0.3254, 0.3079



19.2821, 0.3218, 0.3353



97.7402, 0.3127, 0.3290



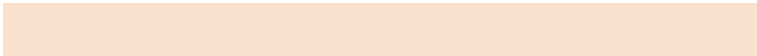
20.4902, 0.3127, 0.3290

Same Dimension

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



45.4641, 0.3379, 0.3459



78.6223, 0.3441, 0.3498



51.2950, 0.3353, 0.3634



10.8059, 0.3278, 0.3394



12.1928, 0.5539, 0.3984



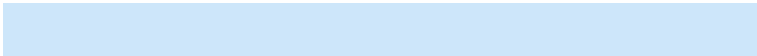
0.6642, 0.5164, 0.4281

Inverse Universe

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



44.3715, 0.2896, 0.3115



76.2915, 0.2844, 0.3073



38.9919, 0.2889, 0.2921



10.6473, 0.2984, 0.3184



9.6253, 0.1824, 0.1768



0.5519, 0.1928, 0.2140

Previews

White Background



This preview shows how the Yxy color 45.4621, 0.3379, 0.3459 looks on a white background.

Color Contrast Check

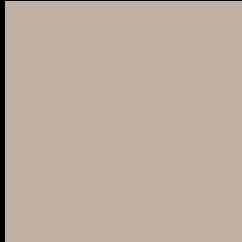
Large Text (above 18pt) WCAG AA × Fail

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 45.4621, 0.3379, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

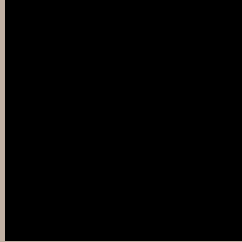
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4621, 0.3379, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 45.4621, 0.3379, 0.3459.



This preview shows how white text looks on a background with the Yxy color 45.4621, 0.3379, 0.3459.

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

45.4621, 0.3379, 0.3459

Protanopia

45.3959, 0.3304, 0.3475

Deuteranopia

45.3003, 0.3471, 0.3392



Tritanopia

45.5957, 0.3214, 0.3127

Trichromacy



Original Color

45.4621, 0.3379, 0.3459

Protanomaly

45.3762, 0.3333, 0.3460

Deuteranomaly

45.1308, 0.3432, 0.3406

Tritanomaly

45.5167, 0.3272, 0.3240

Monochromacy



Original Color

45.4621, 0.3379, 0.3459

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6105, 0.3220, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4621, 0.3379, 0.3459 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(193, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 177, 164)  
}
```

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(193, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 177, 164) }
```

Border

The CSS property to change the border of an element to Yxy 45.4621, 0.3379, 0.3459 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(193, 177, 164) }
```

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

```
.border{ border-color:rgb(193, 177, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 177,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4621, 0.3379, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 177, 164) }
```

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

```
.background{ background-color: rgb(193,  
177, 164) }
```

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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