

Converting Colors

$Y_{xy}(45.3251, 0.3290, 0.3322)$

Have a look what the booklet for
Yxy(45.3251, 0.3290, 0.3322)
contains.

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Color

Yxy(45.3131, 0.3286, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	C0B0AE
RGB	192, 176, 174
RGB Percent	75%, 69%, 68%
CMY	0.2471, 0.3098, 0.3176
CMYK	0.00, 0.08, 0.09, 0.25
HSL	7°, 12%, 72%
HSV	7°, 9%, 75%
XYZ	44.9032, 45.3131, 46.4336
YIQ	180.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

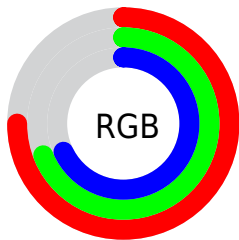
Format	Color
RYB	192, 176, 174
Decimal	12628142
CIELab	73.10, 5.38, 3.08
CIElCh	73, 6.194, 29.771
Yxy	45.3131, 0.3286, 0.3316
Android (android.graphics.Color)	4290818222 (0xFFC0B0AE)
YUV	180.5560, -3.2321, 10.0364
Hunter-Lab	67.3150, 1.2690, 6.2225

Details

The Yxy color $45.3131, 0.3286, 0.3316$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.6355, 0.2985, 0.3264$, and the grayscale version is $45.9710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3268, 0.3256, 0.3321$, and $21.2237, 0.3322, 0.3326$ is the 20% darker color. If you saturate the color by 10%, you get $38.3376, 0.3493, 0.3346$, and if you desaturate by 10%, it is $53.2422, 0.3117, 0.3288$.

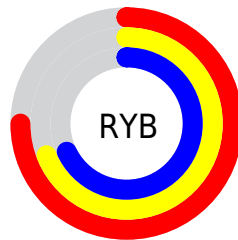
Distribution



Red (75%)

Green (69%)

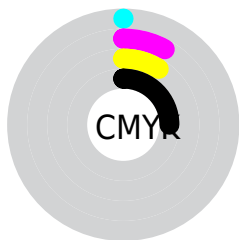
Blue (68%)



Red (75%)

Yellow (69%)

Blue (68%)

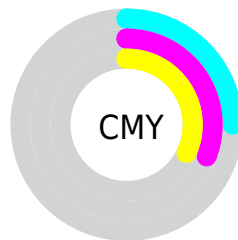


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3131, 0.3286, 0.3316 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 45.3131, 0.3286, 0.3316 by changing the saturation by 10% instead.


 45.3131, 0.3286,
0.3316

 45.3131, 0.3286,
0.3316


368.0401, 0.3206,
0.3304

 31.7041, 0.3306,
0.3319


 83.1901, 0.3257,
0.3312

 21.1356, 0.3332,
0.3323


108.2268, 0.3246,
0.3310

 13.2232, 0.3367,
0.3328


137.8416, 0.3237,
0.3308

 7.5824, 0.3417,
0.3334

172.4189, 0.3229,
0.3307

 3.8289, 0.3492,
0.3344

212.3429, 0.3222,
0.3306

 1.5783, 0.3619,
0.3357

257.9983, 0.3216,

 0.3429, 0.4770,

0.3305

0.3578

309.7692, 0.3211,
0.3304

0.0000, 0.0000,
0.0000

45.3131, 0.3286,
0.3316

45.3131, 0.3286,
0.3316

38.3376, 0.3493,
0.3346

53.2422, 0.3117,
0.3288

32.2739, 0.3746,
0.3377

62.1526, 0.2980,
0.3263

27.0861, 0.4053,
0.3408

72.0784, 0.2867,
0.3240

22.7337, 0.4417,
0.3435

83.0503, 0.2774,
0.3219

19.1729, 0.4833,
0.3455

89.9453, 0.2762,
0.3289

■ 16.3558, 0.5278,
0.3461

■ 14.2295, 0.5708,
0.3449

■ 12.7339, 0.6062,
0.3415

■ 11.7937, 0.6300,
0.3372

Harmonies

Analogous

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



45.3131, 0.3231, 0.3240



45.3131, 0.3286, 0.3316



45.3131, 0.3298, 0.3387

Triad

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



45.3131, 0.3286, 0.3316



45.3131, 0.3105, 0.3407



45.3131, 0.2992, 0.3148

Complementary

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



45.3131, 0.3286, 0.3316



49.6355, 0.2985, 0.3264

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.



45.3131, 0.2959, 0.3191



45.3131, 0.3286, 0.3316



45.3131, 0.3024, 0.3341

Square

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



45.3131, 0.3286, 0.3316



45.3131, 0.3192, 0.3441



45.3131, 0.2971, 0.3261



45.3131, 0.3061, 0.3144

Rectangle

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



45.3131, 0.3286, 0.3316



45.3131, 0.3280, 0.3421



45.3131, 0.2971, 0.3261



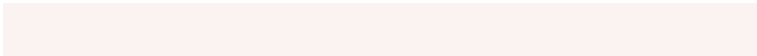
45.3131, 0.2976, 0.3159

Sweetspot

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



45.3151, 0.3286, 0.3316



90.9804, 0.3176, 0.3298



45.2113, 0.3153, 0.3086



19.2657, 0.3189, 0.3301



97.7402, 0.3127, 0.3290



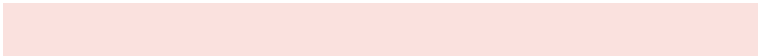
20.4902, 0.3127, 0.3290

Same Dimension

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



45.3151, 0.3286, 0.3316



79.6949, 0.3320, 0.3321



48.8775, 0.3274, 0.3428



10.2531, 0.3286, 0.3316



7.9654, 0.6299, 0.3381



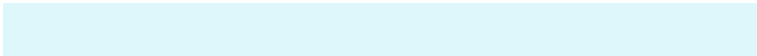
0.4053, 0.5998, 0.3619

Inverse Universe

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



49.6355, 0.2985, 0.3264



88.9277, 0.2957, 0.3259



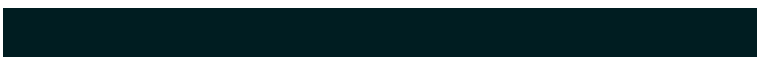
45.9389, 0.2984, 0.3148



11.2322, 0.2984, 0.3264



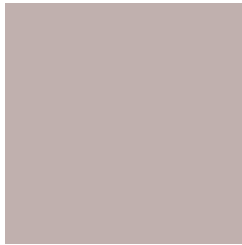
22.1748, 0.2151, 0.2942



1.0134, 0.2174, 0.3026

Previews

White Background



This preview shows how the Yxy color 45.3131, 0.3286, 0.3316 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 45.3131, 0.3286, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

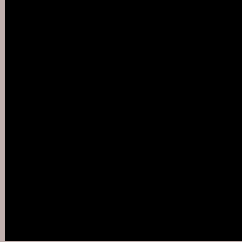
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

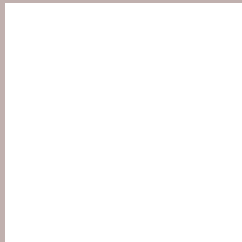
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3131, 0.3286, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 45.3131, 0.3286, 0.3316.



This preview shows how white text looks on a background with the Yxy color 45.3131, 0.3286, 0.3316.

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

45.3131, 0.3286, 0.3316

Protanopia

45.5651, 0.3195, 0.3329

Deuteranopia

45.4702, 0.3353, 0.3291



Tritanopia

45.3723, 0.3188, 0.3114

Trichromacy



Original Color

45.3131, 0.3286, 0.3316

Protanomaly

45.5007, 0.3231, 0.3329

Deuteranomaly

45.4517, 0.3324, 0.3303

Tritanomaly

45.4163, 0.3220, 0.3189

Monochromacy



Original Color

45.3131, 0.3286, 0.3316

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7688, 0.3187, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3131, 0.3286, 0.3316 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(192, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 174)  
}
```

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(192, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 174) }
```

Border

The CSS property to change the border of an element to Yxy 45.3131, 0.3286, 0.3316 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(192, 176, 174) }
```

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

```
.border{ border-color:rgb(192, 176, 174) }
```

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

Here you see how a box with a 4 pixel rgb(192, 176, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3131, 0.3286, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 174) }
```

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

```
.background{ background-color: rgb(192,  
176, 174) }
```

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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