

Converting Colors

$Yxy(44.5045, 0.3278, 0.3270)$

Have a look what the booklet for
Yxy(44.5045, 0.3278, 0.3270)
contains.

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Color

Yxy(44.5737, 0.3280, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C0AEAF
RGB	192, 174, 175
RGB Percent	75%, 68%, 69%
CMY	0.2473, 0.3176, 0.3138
CMYK	0.00, 0.09, 0.09, 0.25
HSL	357°, 12%, 72%
HSV	357°, 9%, 75%
XYZ	44.6009, 44.5737, 46.8037
YIQ	179.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

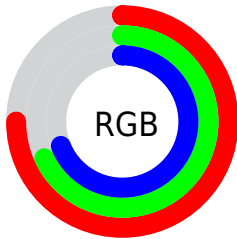
Format	Color
RYB	192, 174, 175
Decimal	12627631
CIELab	72.61, 6.60, 1.84
CIElCh	73, 6.852, 15.548
Yxy	44.5737, 0.3280, 0.3278
Android (android.graphics.Color)	4290817711 (0xFFC0AEAF)
YUV	179.4960, -2.2165, 10.9660
Hunter-Lab	66.7635, 2.4094, 5.1700

Details

The Yxy color $44.5737, 0.3280, 0.3278$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $50.4380, 0.2992, 0.3302$, and the grayscale version is $45.3633, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7083, 0.3252, 0.3280$, and $20.7524, 0.3315, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $37.0139, 0.3483, 0.3264$, and if you desaturate by 10%, it is $53.2933, 0.3117, 0.3291$.

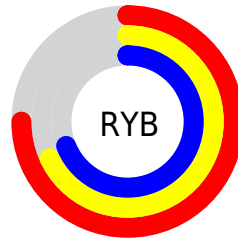
Distribution



Red (75%)

Green (68%)

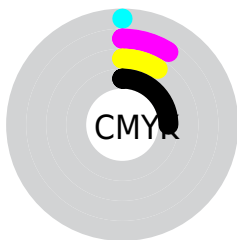
Blue (69%)



Red (75%)

Yellow (68%)

Blue (69%)

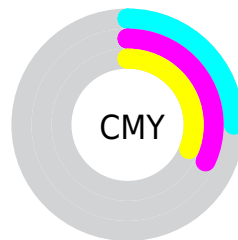


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5737, 0.3280, 0.3278 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 44.5737, 0.3280, 0.3278 by changing the saturation by 10% instead.


 44.5737, 0.3280,
0.3278

 44.5737, 0.3280,
0.3278

365.0443, 0.3203,
0.3285

 31.1218, 0.3300,
0.3276


 82.0803, 0.3252,
0.3280

 20.6916, 0.3325,
0.3274


106.9038, 0.3241,
0.3281

 12.8988, 0.3359,
0.3271


136.2866, 0.3232,
0.3282

 7.3589, 0.3407,
0.3266

170.6132, 0.3225,
0.3283

 3.6875, 0.3480,
0.3258

210.2678, 0.3218,
0.3283

 1.5004, 0.3605,
0.3243

255.6349, 0.3212,

 0.2890, 0.4784,

0.3284

0.3172

307.0990, 0.3207,
0.3284

0.0000, 0.0000,
0.0000

44.5737, 0.3280,
0.3278

44.5737, 0.3280,
0.3278

37.0139, 0.3483,
0.3264

53.2933, 0.3117,
0.3291

30.5594, 0.3735,
0.3250

63.2123, 0.2987,
0.3303

25.1603, 0.4045,
0.3237

74.3761, 0.2881,
0.3313

20.7604, 0.4418,
0.3225

86.8255, 0.2796,
0.3323

17.2984, 0.4849,
0.3218

89.9395, 0.2762,
0.3289

■ 14.7062, 0.5311,
0.3219

■ 12.9066, 0.5755,
0.3229

■ 11.8086, 0.6113,
0.3250

■ 11.2525, 0.6336,
0.3270

Harmonies

Analogous

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



44.5737, 0.3201, 0.3198



44.5737, 0.3280, 0.3278



44.5737, 0.3318, 0.3362

Triad

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



44.5737, 0.3280, 0.3278



44.5737, 0.3149, 0.3444



44.5737, 0.2954, 0.3150

Complementary

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



44.5737, 0.3280, 0.3278



50.4380, 0.2992, 0.3302

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.



44.5737, 0.2941, 0.3213



44.5737, 0.3280, 0.3278



44.5737, 0.3052, 0.3385

Square

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



44.5737, 0.3280, 0.3278



44.5737, 0.3241, 0.3460



44.5737, 0.2976, 0.3300



44.5737, 0.3013, 0.3125

Rectangle

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



44.5737, 0.3280, 0.3278



44.5737, 0.3314, 0.3410



44.5737, 0.2976, 0.3300



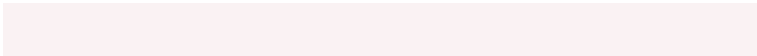
44.5737, 0.2944, 0.3167

Sweetspot

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



44.5757, 0.3280, 0.3278



90.5093, 0.3174, 0.3286



45.1291, 0.3127, 0.3063



19.1390, 0.3187, 0.3285



97.7402, 0.3127, 0.3290



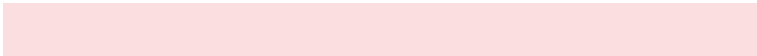
20.4902, 0.3127, 0.3290

Same Dimension

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



44.5757, 0.3280, 0.3278



78.1425, 0.3314, 0.3276



47.6266, 0.3278, 0.3390



10.0865, 0.3281, 0.3278



7.5597, 0.6334, 0.3263



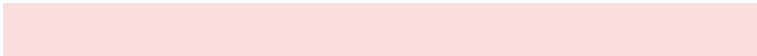
0.3297, 0.6097, 0.3133

Inverse Universe

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



44.5757, 0.3280, 0.3278



78.1425, 0.3314, 0.3276



47.1607, 0.2984, 0.3188



10.0865, 0.3281, 0.3278



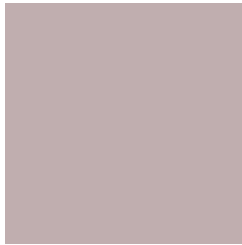
7.5597, 0.6334, 0.3263



0.3297, 0.6097, 0.3133

Previews

White Background



This preview shows how the Yxy color 44.5737, 0.3280, 0.3278 looks on a white background.

Color Contrast Check

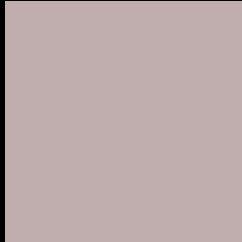
Large Text (above 18pt) WCAG AA × Fail

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 44.5737, 0.3280, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

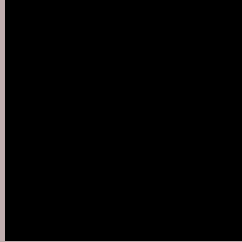
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5737, 0.3280, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 44.5737, 0.3280, 0.3278.



This preview shows how white text looks on a background with the Yxy color 44.5737, 0.3280, 0.3278.

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

44.5737, 0.3280, 0.3278

Protanopia

44.5637, 0.3171, 0.3290

Deuteranopia

44.3360, 0.3320, 0.3252



Tritanopia

44.3877, 0.3198, 0.3112

Trichromacy



Original Color

44.5737, 0.3280, 0.3278

Protanomaly

44.6244, 0.3216, 0.3290

Deuteranomaly

44.5844, 0.3309, 0.3265

Tritanomaly

44.6020, 0.3231, 0.3176

Monochromacy



Original Color

44.5737, 0.3280, 0.3278

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8490, 0.3180, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5737, 0.3280, 0.3278 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 174, 175)  
}
```

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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 174, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.5737, 0.3280, 0.3278 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, 174, 175) }
```

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

```
.border{ border-color:rgb(192, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(192, 174,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5737, 0.3280, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 174, 175) }
```

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

```
.background{ background-color: rgb(192,  
174, 175) }
```

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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