

Converting Colors

Yxy(44.3626, 0.3175, 0.3156)

Have a look what the booklet for
Yxy(44.3626, 0.3175, 0.3156)
contains.

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Color

Yxy(44.5516, 0.3177, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	BDAEB8
RGB	189, 174, 184
RGB Percent	74%, 68%, 72%
CMY	0.2590, 0.3176, 0.2785
CMYK	0.00, 0.08, 0.03, 0.26
HSL	320°, 10%, 71%
HSV	320°, 8%, 74%
XYZ	44.7629, 44.5516, 51.5824
YIQ	179.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

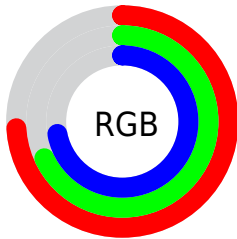
Format	Color
R _Y B	189, 174, 184
Decimal	12431032
CIE Lab	72.60, 7.13, -3.16
CIE LCh	73, 7.803, 336.111
Yxy	44.5516, 0.3177, 0.3162
Android (android.graphics.Color)	4290621112 (0xFFBDAEB8)
YUV	179.6250, 2.1569, 8.2219
Hunter-Lab	66.7470, 2.9013, 0.9033

Details

The Yxy color $44.5516, 0.3177, 0.3162$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.6268, 0.3081, 0.3421$, and the grayscale version is $45.4138, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7424, 0.3167, 0.3180$, and $20.7920, 0.3196, 0.3133$ is the 20% darker color. If you saturate the color by 10%, you get $37.5007, 0.3250, 0.2993$, and if you desaturate by 10%, it is $52.6450, 0.3115, 0.3323$.

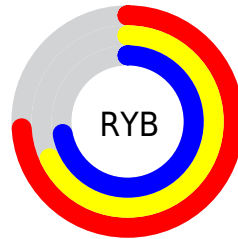
Distribution



Red (74%)

Green (68%)

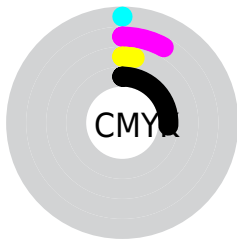
Blue (72%)



Red (74%)

Yellow (68%)

Blue (72%)

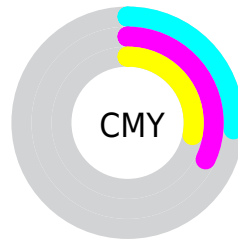


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5516, 0.3177, 0.3162 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 44.5516, 0.3177, 0.3162 by changing the saturation by 10% instead.


 44.5516, 0.3177,
0.3162

 44.5516, 0.3177,
0.3162


364.9545, 0.3152,
0.3226

 31.1044, 0.3183,
0.3146


 82.0471, 0.3168,
0.3185

 20.6783, 0.3191,
0.3126


106.8642, 0.3165,
0.3194

 12.8891, 0.3202,
0.3098


136.2401, 0.3162,
0.3201

 7.3522, 0.3216,
0.3060

170.5591, 0.3159,
0.3208

 3.6833, 0.3238,
0.3003

210.2056, 0.3157,
0.3213

 1.4980, 0.3274,
0.2909

255.5641, 0.3155,

 0.2874, 0.3526,

0.3218

0.2265

307.0189, 0.3154,
0.3222

0.0000, 0.0000,
0.0000

44.5516, 0.3177,
0.3162

44.5516, 0.3177,
0.3162

37.5007, 0.3250,
0.2993

52.6450, 0.3115,
0.3323

31.4438, 0.3336,
0.2820

61.8153, 0.3063,
0.3474

26.3369, 0.3436,
0.2647

72.1027, 0.3019,
0.3615

22.1307, 0.3549,
0.2483

83.5434, 0.2983,
0.3745

18.7714, 0.3675,
0.2336

87.2563, 0.2950,
0.3728

■ 16.1993, 0.3812,
0.2218

■ 87.5856, 0.2917,
0.3657

■ 14.3469, 0.3954,
0.2138

■ 87.9275, 0.2884,
0.3586

■ 13.1354, 0.4099,
0.2106

■ 88.2821, 0.2851,
0.3515

■ 12.4445, 0.4240,
0.2121

■ 88.6494, 0.2819,
0.3446

Harmonies

Analogous

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



44.5516, 0.3065, 0.3111



44.5516, 0.3177, 0.3162



44.5516, 0.3277, 0.3246

Triad

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



44.5516, 0.3177, 0.3162



44.5516, 0.3284, 0.3478



44.5516, 0.2922, 0.3232

Complementary

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



44.5516, 0.3177, 0.3162



48.6268, 0.3081, 0.3421

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.



44.5516, 0.2979, 0.3333



44.5516, 0.3177, 0.3162



44.5516, 0.3187, 0.3477

Square

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



44.5516, 0.3177, 0.3162



44.5516, 0.3339, 0.3428



44.5516, 0.3075, 0.3424



44.5516, 0.2919, 0.3149

Rectangle

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



44.5516, 0.3177, 0.3162



44.5516, 0.3323, 0.3310



44.5516, 0.3075, 0.3424



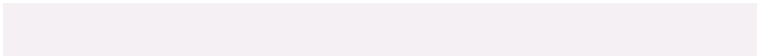
44.5516, 0.2935, 0.3265

Sweetspot

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



44.5535, 0.3177, 0.3162



88.1218, 0.3139, 0.3258



43.5069, 0.3048, 0.3094



18.9832, 0.3139, 0.3259



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.5535, 0.3177, 0.3162



78.1709, 0.3185, 0.3141



44.2579, 0.3238, 0.3255



9.6410, 0.3187, 0.3138



8.3119, 0.4253, 0.2117



0.3372, 0.3945, 0.1947

Inverse Universe

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



44.5535, 0.3177, 0.3162



78.1709, 0.3185, 0.3141



48.9271, 0.3027, 0.3325



9.6410, 0.3187, 0.3138



8.3119, 0.4253, 0.2117



0.3372, 0.3945, 0.1947

Previews

White Background



This preview shows how the Yxy color 44.5516, 0.3177, 0.3162 looks on a white background.

Color Contrast Check

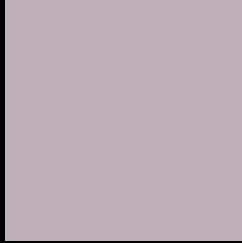
Large Text (above 18pt) WCAG AA × Fail

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 44.5516, 0.3177, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

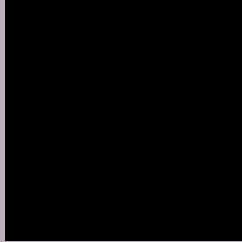
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

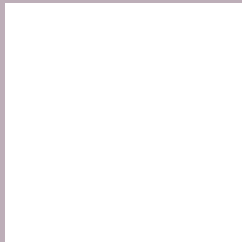
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5516, 0.3177, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 44.5516, 0.3177, 0.3162.



This preview shows how white text looks on a background with the Yxy color 44.5516, 0.3177, 0.3162.

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

44.5516, 0.3177, 0.3162

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.6853, 0.3214, 0.3150



Tritanopia

44.6788, 0.3153, 0.3124

Trichromacy



Original Color

44.5516, 0.3177, 0.3162

Protanomaly

44.6207, 0.3115, 0.3173

Deuteranomaly

44.5543, 0.3205, 0.3150

Tritanomaly

44.6361, 0.3161, 0.3136

Monochromacy



Original Color

44.5516, 0.3177, 0.3162

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2443, 0.3146, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5516, 0.3177, 0.3162 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(189, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 184)  
}
```

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(189, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.5516, 0.3177, 0.3162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

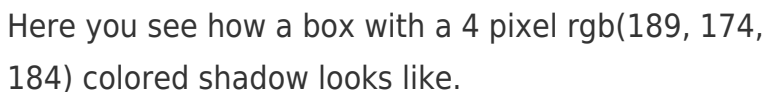
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 174, 184) }
```

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

```
.border{ border-color:rgb(189, 174, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 174, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 174, 184); box-shadow:4px 4px 4px 4px rgb(189, 174, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5516, 0.3177, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 184) }
```

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

```
.background{ background-color: rgb(189,  
174, 184) }
```

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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