

Converting Colors

$Y_{xy}(44.5255, 0.3269, 0.3269)$

Have a look what the booklet for
Yxy(44.5255, 0.3269, 0.3269)
contains.

Yxy(44.4831, 0.3263, 0.3265)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.4831, 0.3263, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BFAEB0
RGB	191, 174, 176
RGB Percent	75%, 68%, 69%
CMY	0.2510, 0.3176, 0.3099
CMYK	0.00, 0.09, 0.08, 0.25
HSL	353°, 12%, 72%
HSV	353°, 9%, 75%
XYZ	44.4559, 44.4831, 47.3033
YIQ	179.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

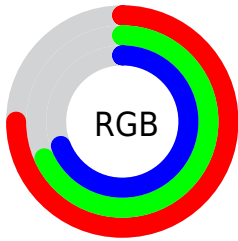
Format	Color
R _Y B	191, 174, 176
Decimal	12562096
CIE Lab	72.55, 6.44, 1.20
CIE LCh	73, 6.549, 10.540
Yxy	44.4831, 0.3263, 0.3265
Android (android.graphics.Color)	4290752176 (0xFFBFAEB0)
YUV	179.3110, -1.6323, 10.2513
Hunter-Lab	66.6957, 2.2614, 4.6360

Details

The Yxy color $44.4831, 0.3263, 0.3265$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.9362, 0.3006, 0.3315$, and the grayscale version is $45.2591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6390, 0.3232, 0.3260$, and $20.7776, 0.3303, 0.3255$ is the 20% darker color. If you saturate the color by 10%, you get $36.9945, 0.3450, 0.3235$, and if you desaturate by 10%, it is $53.1081, 0.3112, 0.3293$.

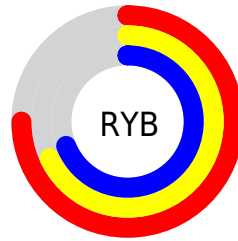
Distribution



Red (75%)

Green (68%)

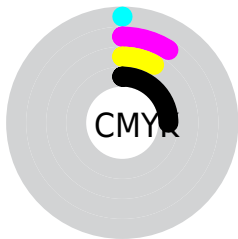
Blue (69%)



Red (75%)

Yellow (68%)

Blue (69%)

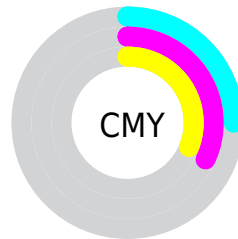


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (25%)



Cyan (25%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4831, 0.3263, 0.3265 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 44.4831, 0.3263, 0.3265 by changing the saturation by 10% instead.

 44.4831, 0.3263,
0.3265

 44.4831, 0.3263,
0.3265


364.6760, 0.3194,
0.3278

 31.0505, 0.3280,
0.3262


 81.9442, 0.3238,
0.3270

 20.6373, 0.3303,
0.3257


106.7415, 0.3229,
0.3272

 12.8591, 0.3333,
0.3251


136.0957, 0.3221,
0.3273

 7.3316, 0.3376,
0.3243

170.3914, 0.3214,
0.3274

 3.6703, 0.3441,
0.3230

210.0129, 0.3208,
0.3275

 1.4909, 0.3551,
0.3206

255.3446, 0.3203,

 0.2823, 0.4568,

0.3276

0.3031

306.7708, 0.3198,
0.3277

0.0000, 0.0000,
0.0000

44.4831, 0.3263,
0.3265

44.4831, 0.3263,
0.3265

36.9945, 0.3450,
0.3235

53.1081, 0.3112,
0.3293

30.5895, 0.3683,
0.3204

62.9081, 0.2990,
0.3319

25.2195, 0.3968,
0.3174

73.9269, 0.2892,
0.3342

20.8301, 0.4312,
0.3147

86.2044, 0.2811,
0.3363

17.3620, 0.4712,
0.3128

89.8162, 0.2757,
0.3289

■ 14.7494, 0.5151,
0.3123

■ 12.9176, 0.5588,
0.3137

■ 11.7793, 0.5968,
0.3173

■ 11.1878, 0.6239,
0.3220

Harmonies

Analogous

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



44.4831, 0.3183, 0.3191



44.4831, 0.3263, 0.3265



44.4831, 0.3307, 0.3346

Triad

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



44.4831, 0.3263, 0.3265



44.4831, 0.3164, 0.3443



44.4831, 0.2956, 0.3164

Complementary

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



44.4831, 0.3263, 0.3265



49.9362, 0.3006, 0.3315

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.



44.4831, 0.2951, 0.3230



44.4831, 0.3263, 0.3265



44.4831, 0.3070, 0.3392

Square

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



44.4831, 0.3263, 0.3265



44.4831, 0.3249, 0.3450



44.4831, 0.2993, 0.3314



44.4831, 0.3006, 0.3133

Rectangle

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



44.4831, 0.3263, 0.3265



44.4831, 0.3309, 0.3394



44.4831, 0.2993, 0.3314



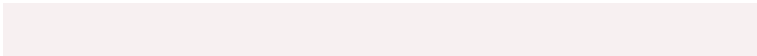
44.4831, 0.2949, 0.3183

Sweetspot

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



44.4851, 0.3263, 0.3265



88.4547, 0.3171, 0.3282



44.8577, 0.3120, 0.3074



19.1466, 0.3183, 0.3279



97.7402, 0.3127, 0.3290



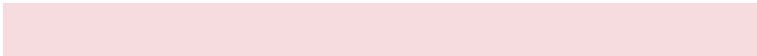
20.4902, 0.3127, 0.3290

Same Dimension

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



44.4851, 0.3263, 0.3265



76.4419, 0.3302, 0.3258



46.9859, 0.3271, 0.3374



9.5538, 0.3271, 0.3264



7.3239, 0.6241, 0.3212



0.2929, 0.5763, 0.2948

Inverse Universe

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



44.4851, 0.3263, 0.3265



76.4419, 0.3302, 0.3258



47.2443, 0.2991, 0.3204



9.5538, 0.3271, 0.3264



7.3239, 0.6241, 0.3212



0.2929, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 44.4831, 0.3263, 0.3265 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 44.4831, 0.3263, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

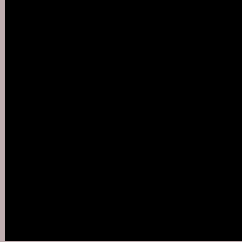
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4831, 0.3263, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 44.4831, 0.3263, 0.3265.



This preview shows how white text looks on a background with the Yxy color 44.4831, 0.3263, 0.3265.

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

44.4831, 0.3263, 0.3265

Protanopia

44.4824, 0.3154, 0.3277

Deuteranopia

44.3754, 0.3311, 0.3240



Tritanopia

44.2567, 0.3189, 0.3112

Trichromacy



Original Color

44.4831, 0.3263, 0.3265

Protanomaly

44.5393, 0.3198, 0.3277

Deuteranomaly

44.4911, 0.3291, 0.3252

Tritanomaly

44.4710, 0.3222, 0.3175

Monochromacy



Original Color

44.4831, 0.3263, 0.3265

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7259, 0.3172, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4831, 0.3263, 0.3265 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(191, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(191, 174, 176)  
}
```

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(191, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 174, 176) }
```

Border

The CSS property to change the border of an element to Yxy 44.4831, 0.3263, 0.3265 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(191, 174, 176) }
```

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

```
.border{ border-color:rgb(191, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(191, 174,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4831, 0.3263, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 174, 176) }
```

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

```
.background{ background-color: rgb(191,  
174, 176) }
```

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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