

Converting Colors

$Y_{xy}(45.1144, 0.3218, 0.3319)$

Have a look what the booklet for
Yxy(45.1144, 0.3218, 0.3319)
contains.

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Color

Yxy(44.9785, 0.3223, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	BAB1AF
RGB	186, 177, 175
RGB Percent	73%, 69%, 69%
CMY	0.2705, 0.3059, 0.3136
CMYK	0.00, 0.05, 0.06, 0.27
HSL	11°, 7%, 71%
HSV	11°, 6%, 73%
XYZ	43.7170, 44.9785, 46.9453
YIQ	179.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

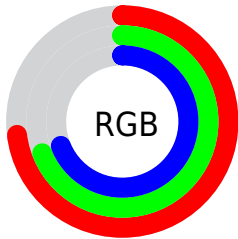
Format	Color
RYB	186, 177, 175
Decimal	12235183
CIELab	72.88, 2.86, 2.15
CIELCh	73, 3.579, 36.832
Yxy	44.9785, 0.3223, 0.3316
Android (android.graphics.Color)	4290425263 (0xFFBAB1AF)
YUV	179.4630, -2.2003, 5.7329
Hunter-Lab	67.0660, -1.0101, 5.4440

Details

The Yxy color **44.9785, 0.3223, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9697, 0.3037, 0.3264**, and the grayscale version is **45.3524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8682, 0.3207, 0.3321**, and **20.8319, 0.3249, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **38.5995, 0.3412, 0.3363**, and if you desaturate by 10%, it is **52.1375, 0.3067, 0.3273**.

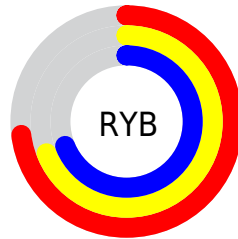
Distribution



Red (73%)

Green (69%)

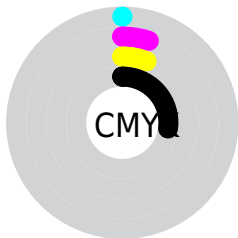
Blue (69%)



Red (73%)

Yellow (69%)

Blue (69%)

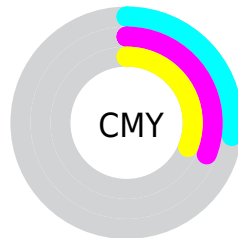


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9785, 0.3223, 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 44.9785, 0.3223, 0.3316 by changing the saturation by 10% instead.


 44.9785, 0.3223,
0.3316

 44.9785, 0.3223,
0.3316


366.6865, 0.3175,
0.3303

 31.4405, 0.3235,
0.3319


 82.6881, 0.3205,
0.3311

 20.9345, 0.3251,
0.3323


107.6286, 0.3199,
0.3310

 13.0761, 0.3272,
0.3329


137.1386, 0.3193,
0.3308

 7.4810, 0.3302,
0.3336

171.6026, 0.3188,
0.3307

 3.7647, 0.3347,
0.3347

211.4050, 0.3184,
0.3306

 1.5428, 0.3424,
0.3365

256.9302, 0.3181,

 0.3186, 0.4197,

0.3305

0.3587

308.5626, 0.3178,
0.3304

0.0000, 0.0000,
0.0000

44.9785, 0.3223,
0.3316

44.9785, 0.3223,
0.3316

38.5995, 0.3412,
0.3363

52.1375, 0.3067,
0.3273

32.9683, 0.3641,
0.3412

60.0955, 0.2938,
0.3233

28.0591, 0.3916,
0.3461

68.8784, 0.2831,
0.3197

23.8426, 0.4241,
0.3508

78.5090, 0.2742,
0.3165

20.2873, 0.4616,
0.3547

88.1409, 0.2730,
0.3271

■ 17.3592, 0.5027,
0.3570

■ 89.1832, 0.2731,
0.3289

■ 15.0213, 0.5445,
0.3568

■ 13.2326, 0.5825,
0.3535

■ 11.9461, 0.6116,
0.3472

Harmonies

Analogous

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



44.9785, 0.3197, 0.3271



44.9785, 0.3223, 0.3316



44.9785, 0.3224, 0.3354

Triad

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



44.9785, 0.3223, 0.3316



44.9785, 0.3103, 0.3350



44.9785, 0.3057, 0.3205

Complementary

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



44.9785, 0.3223, 0.3316



46.9697, 0.3037, 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.



44.9785, 0.3032, 0.3225



44.9785, 0.3223, 0.3316



44.9785, 0.3058, 0.3309

Square

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



44.9785, 0.3223, 0.3316



44.9785, 0.3154, 0.3374



44.9785, 0.3032, 0.3263



44.9785, 0.3100, 0.3208

Rectangle

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



44.9785, 0.3223, 0.3316



44.9785, 0.3209, 0.3371



44.9785, 0.3032, 0.3263



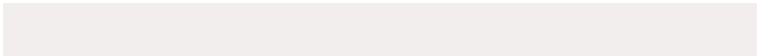
44.9785, 0.3046, 0.3209

Sweetspot

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



44.9805, 0.3223, 0.3316



86.3674, 0.3159, 0.3299



44.5804, 0.3149, 0.3171



19.0487, 0.3157, 0.3298



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.



44.9805, 0.3223, 0.3316



80.0411, 0.3244, 0.3321



47.1438, 0.3217, 0.3386



9.5313, 0.3250, 0.3323



7.8462, 0.6195, 0.3463



0.3566, 0.5738, 0.3826

Inverse Universe

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



46.9697, 0.3037, 0.3264



84.3392, 0.3019, 0.3258



44.7798, 0.3038, 0.3193



10.0696, 0.3013, 0.3257



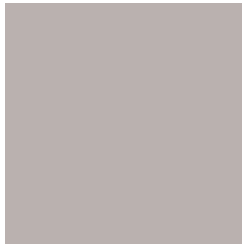
17.7471, 0.2088, 0.2716



0.6980, 0.2133, 0.2879

Previews

White Background



This preview shows how the Yxy color 44.9785, 0.3223, 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 44.9785, 0.3223, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

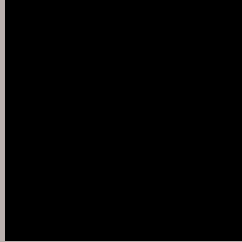
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

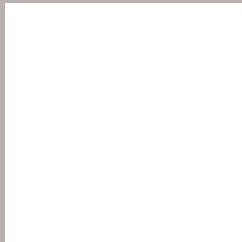
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9785, 0.3223, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.9785, 0.3223, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.9785, 0.3223, 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

44.9785, 0.3223, 0.3316

Protanopia

45.0427, 0.3187, 0.3316

Deuteranopia

44.8920, 0.3319, 0.3253



Tritanopia

45.0254, 0.3127, 0.3111

Trichromacy



Original Color

44.9785, 0.3223, 0.3316

Protanomaly

45.1657, 0.3196, 0.3316

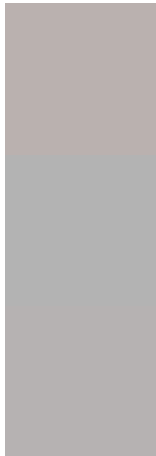
Deuteranomaly

44.7441, 0.3281, 0.3265

Tritanomaly

45.0762, 0.3158, 0.3187

Monochromacy



Original Color

44.9785, 0.3223, 0.3316

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0002, 0.3162, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9785, 0.3223, 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(186, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 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(186, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.9785, 0.3223, 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(186, 177, 175) }
```

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

```
.border{ border-color:rgb(186, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9785, 0.3223, 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(186, 177, 175) }
```

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

```
.background{ background-color: rgb(186,  
177, 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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