

Converting Colors

$Y_{xy}(44.1520, 0.3253, 0.3388)$

Have a look what the booklet for
Yxy(44.1520, 0.3253, 0.3388)
contains.

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Color

Yxy(44.1056, 0.3256, 0.3383)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B8B0A9 |
| RGB | 184, 176, 169 |
| RGB Percent | 72%, 69%, 66% |
| CMY | 0.2785, 0.3098, 0.3372 |
| CMYK | 0.00, 0.04, 0.08, 0.28 |
| HSL | 28°, 10%, 69% |
| HSV | 28°, 8%, 72% |
| XYZ | 42.4498, 44.1056, 43.8188 |
| YIQ | 177.5940, 7.0150, -0.4810 |

Conversions

Conversions Part 2

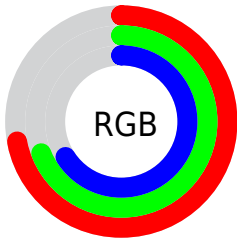
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 182, 169 |
| Decimal | 12103849 |
| CIELab | 72.30, 1.59, 4.58 |
| CIELCh | 72, 4.849, 70.813 |
| Yxy | 44.1056, 0.3256, 0.3383 |
| Android (android.graphics.Color) | 4290293929 (0xFFB8B0A9) |
| YUV | 177.5940, -4.2368, 5.6181 |
| Hunter-Lab | 66.4120, -2.1259, 7.3688 |

Details

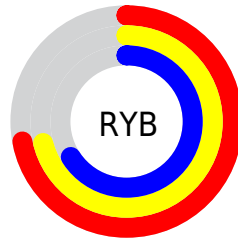
The Yxy color **44.1056, 0.3256, 0.3383** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3306, 0.3004, 0.3195**, and the grayscale version is **44.3148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6203, 0.3233, 0.3372**, and **20.5250, 0.3294, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **39.7620, 0.3436, 0.3504**, and if you desaturate by 10%, it is **48.8272, 0.3100, 0.3269**.

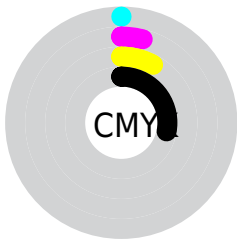
Distribution



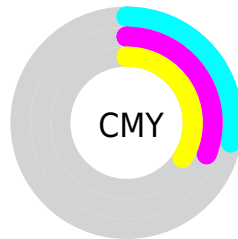
- Red (72%)
- Green (69%)
- Blue (66%)



- Red (72%)
- Yellow (71%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1056, 0.3256, 0.3383 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 44.1056, 0.3256, 0.3383 by changing the saturation by 10% instead.


 44.1056, 0.3256,
0.3383

 44.1056, 0.3256,
0.3383


363.1390, 0.3191,
0.3336

 30.7535, 0.3273,
0.3395


 81.3766, 0.3232,
0.3366

 20.4112, 0.3294,
0.3410


106.0644, 0.3223,
0.3360

 12.6943, 0.3323,
0.3430


135.2995, 0.3216,
0.3354

 7.2184, 0.3363,
0.3459

169.4663, 0.3209,
0.3350

 3.5991, 0.3425,
0.3502

208.9493, 0.3204,
0.3346

 1.4519, 0.3531,
0.3574

254.1328, 0.3199,

 0.2545, 0.5246,

0.3342

0.4754

305.4013, 0.3195,
0.3339

0.0000, 0.0000,
0.0000

44.1056, 0.3256,
0.3383

44.1056, 0.3256,
0.3383

39.7620, 0.3436,
0.3504

48.8272, 0.3100,
0.3269

35.7808, 0.3641,
0.3629

53.9306, 0.2964,
0.3164

32.1536, 0.3872,
0.3754

59.4265, 0.2846,
0.3066

28.8696, 0.4129,
0.3874

65.3239, 0.2744,
0.2977

25.9172, 0.4406,
0.3979

71.2385, 0.2687,
0.2957

■ 23.2842, 0.4694,
0.4058

■ 76.6838, 0.2698,
0.3068

■ 20.9571, 0.4977,
0.4098

■ 82.4376, 0.2709,
0.3176

■ 18.9212, 0.5237,
0.4088

■ 88.5046, 0.2720,
0.3282

■ 17.1570, 0.5460,
0.4027

■ 88.9269, 0.2721,
0.3289

Harmonies

Analogous

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



44.1056, 0.3260, 0.3333



44.1056, 0.3256, 0.3383



44.1056, 0.3217, 0.3409

Triad

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



44.1056, 0.3256, 0.3383



44.1056, 0.3027, 0.3307



44.1056, 0.3099, 0.3181

Complementary

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



44.1056, 0.3256, 0.3383



43.3306, 0.3004, 0.3195

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.



44.1056, 0.3038, 0.3173



44.1056, 0.3256, 0.3383



44.1056, 0.2996, 0.3245

Square

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



44.1056, 0.3256, 0.3383



44.1056, 0.3084, 0.3365



44.1056, 0.3000, 0.3196



44.1056, 0.3169, 0.3217

Rectangle

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



44.1056, 0.3256, 0.3383



44.1056, 0.3177, 0.3408



44.1056, 0.3000, 0.3196



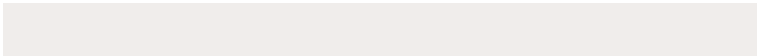
44.1056, 0.3077, 0.3175

Sweetspot

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



44.1075, 0.3256, 0.3383



85.1201, 0.3158, 0.3313



41.7425, 0.3196, 0.3185



18.3700, 0.3156, 0.3312



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.1075, 0.3256, 0.3383



78.3241, 0.3291, 0.3407



47.1147, 0.3247, 0.3480



9.6863, 0.3276, 0.3397



11.7580, 0.5481, 0.4030



0.5386, 0.5066, 0.4360

Inverse Universe

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



43.3306, 0.3004, 0.3195



76.5860, 0.2972, 0.3170



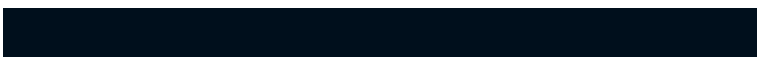
40.4636, 0.3004, 0.3093



9.4895, 0.2985, 0.3180



8.5380, 0.1808, 0.1708



0.4237, 0.1932, 0.2154

Previews

White Background



This preview shows how the Yxy color 44.1056, 0.3256, 0.3383 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 44.1056, 0.3256, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

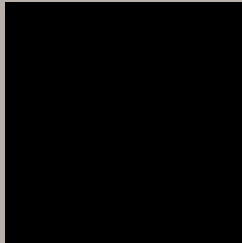
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

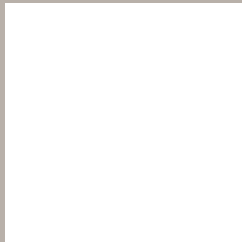
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1056, 0.3256, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 44.1056, 0.3256, 0.3383.



This preview shows how white text looks on a background with the Yxy color 44.1056, 0.3256, 0.3383.

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

44.1056, 0.3256, 0.3383

Protanopia

44.2539, 0.3237, 0.3397

Deuteranopia

43.8984, 0.3375, 0.3304



Tritanopia

44.0398, 0.3136, 0.3110

Trichromacy



Original Color

44.1056, 0.3256, 0.3383

Protanomaly

44.3761, 0.3246, 0.3396

Deuteranomaly

43.9959, 0.3325, 0.3329

Tritanomaly

44.0065, 0.3184, 0.3212

Monochromacy



Original Color

44.1056, 0.3256, 0.3383

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2427, 0.3170, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1056, 0.3256, 0.3383 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(184, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 169)  
}
```

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(184, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 169) }
```

Border

The CSS property to change the border of an element to Yxy 44.1056, 0.3256, 0.3383 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(184, 176, 169) }
```

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

```
.border{ border-color:rgb(184, 176, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1056, 0.3256, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 169) }
```

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

```
.background{ background-color: rgb(184,  
176, 169) }
```

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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