

Converting Colors

Yxy(44.1314, 0.3279, 0.3358)

Have a look what the booklet for
Yxy(44.1314, 0.3279, 0.3358)
contains.

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Color

Yxy(44.1270, 0.3276, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	BBAFAA
RGB	187, 175, 170
RGB Percent	73%, 69%, 67%
CMY	0.2668, 0.3137, 0.3333
CMYK	0.00, 0.06, 0.09, 0.27
HSL	18°, 11%, 70%
HSV	18°, 9%, 73%
XYZ	43.0751, 44.1270, 44.2848
YIQ	178.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

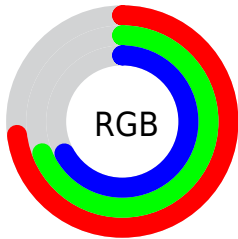
Format	Color
RYB	187, 177, 170
Decimal	12300202
CIELab	72.31, 3.40, 4.08
CIELCh	72, 5.313, 50.217
Yxy	44.1270, 0.3276, 0.3356
Android (android.graphics.Color)	4290490282 (0xFFBBAFAA)
YUV	178.0180, -3.9529, 7.8772
Hunter-Lab	66.4282, -0.5016, 6.9736

Details

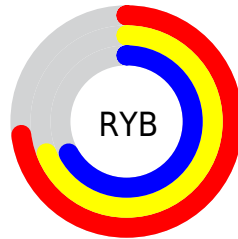
The Yxy color $44.1270, 0.3276, 0.3356$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.5807, 0.2989, 0.3223$, and the grayscale version is $44.5484, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6428, 0.3248, 0.3352$, and $20.5423, 0.3322, 0.3380$ is the 20% darker color. If you saturate the color by 10%, you get $38.5848, 0.3469, 0.3433$, and if you desaturate by 10%, it is $50.2752, 0.3113, 0.3283$.

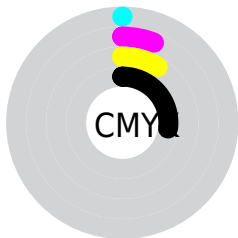
Distribution



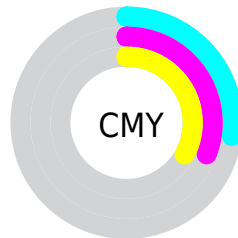
- Red (73%)
- Green (69%)
- Blue (67%)



- Red (73%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (27%)





- Cyan (27%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1270, 0.3276, 0.3356 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 44.1270, 0.3276, 0.3356 by changing the saturation by 10% instead.

 44.1270, 0.3276,
0.3356

 44.1270, 0.3276,
0.3356

363.2263, 0.3201,
0.3323

 30.7704, 0.3295,
0.3364


 81.4088, 0.3248,
0.3344

 20.4241, 0.3320,
0.3375


106.1028, 0.3238,
0.3340

 12.7037, 0.3353,
0.3389


135.3446, 0.3229,
0.3336

 7.2248, 0.3400,
0.3408

169.5188, 0.3222,
0.3333

 3.6031, 0.3473,
0.3437

209.0097, 0.3216,
0.3330

 1.4541, 0.3596,
0.3484

254.2016, 0.3210,

 0.2561, 0.5603,

0.3327

0.4397

305.4790, 0.3205,
0.3325

0.0000, 0.0000,
0.0000

44.1270, 0.3276,
0.3356

44.1270, 0.3276,
0.3356

38.5848, 0.3469,
0.3433

50.2752, 0.3113,
0.3283

33.6242, 0.3698,
0.3514

57.0411, 0.2976,
0.3216

29.2277, 0.3966,
0.3594

64.4438, 0.2860,
0.3155

25.3746, 0.4274,
0.3670

72.4995, 0.2762,
0.3099

22.0430, 0.4618,
0.3731

80.6641, 0.2721,
0.3137

■ 19.2096, 0.4986,
0.3768

■ 88.7546, 0.2735,
0.3280

■ 16.8486, 0.5353,
0.3770

■ 89.3013, 0.2736,
0.3289

■ 14.9323, 0.5684,
0.3726

■ 13.4245, 0.5952,
0.3644

Harmonies

Analogous

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



44.1270, 0.3253, 0.3291



44.1270, 0.3276, 0.3356



44.1270, 0.3259, 0.3404

Triad

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



44.1270, 0.3276, 0.3356



44.1270, 0.3058, 0.3354



44.1270, 0.3048, 0.3161

Complementary

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



44.1270, 0.3276, 0.3356



45.5807, 0.2989, 0.3223

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.



44.1270, 0.2997, 0.3176



44.1270, 0.3276, 0.3356



44.1270, 0.3003, 0.3287

Square

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



44.1270, 0.3276, 0.3356



44.1270, 0.3132, 0.3404



44.1270, 0.2981, 0.3222



44.1270, 0.3121, 0.3180

Rectangle

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



44.1270, 0.3276, 0.3356



44.1270, 0.3227, 0.3420



44.1270, 0.2981, 0.3222



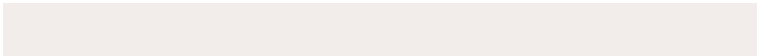
44.1270, 0.3028, 0.3162

Sweetspot

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



44.1289, 0.3276, 0.3356



85.5588, 0.3175, 0.3312



42.7012, 0.3178, 0.3132



18.6440, 0.3188, 0.3318



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.



44.1289, 0.3276, 0.3356



76.8772, 0.3314, 0.3372



47.4544, 0.3265, 0.3463



9.9822, 0.3281, 0.3358



9.2791, 0.5954, 0.3654



0.4809, 0.5469, 0.4040

Inverse Universe

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



45.5807, 0.2989, 0.3223



80.0371, 0.2957, 0.3207



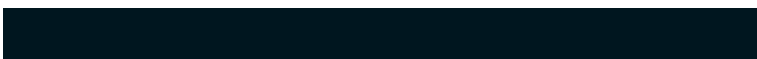
42.2871, 0.2989, 0.3111



10.3218, 0.2985, 0.3221



13.9540, 0.1976, 0.2313



0.6549, 0.2049, 0.2574

Previews

White Background



This preview shows how the Yxy color 44.1270, 0.3276, 0.3356 looks on a white background.

Color Contrast Check

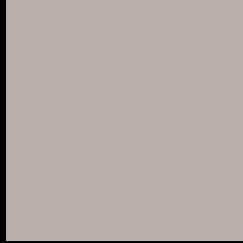
Large Text (above 18pt) WCAG AA × Fail

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 44.1270, 0.3276, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

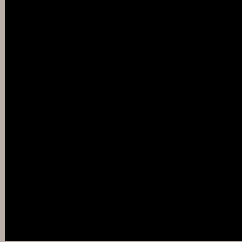
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

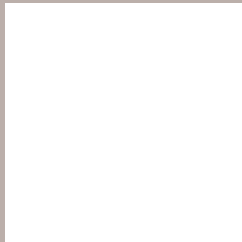
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1270, 0.3276, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 44.1270, 0.3276, 0.3356.



This preview shows how white text looks on a background with the Yxy color 44.1270, 0.3276, 0.3356.

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

44.1270, 0.3276, 0.3356

Protanopia

44.3296, 0.3220, 0.3370

Deuteranopia

43.9364, 0.3366, 0.3291



Tritanopia

44.2511, 0.3162, 0.3123

Trichromacy



Original Color

44.1270, 0.3276, 0.3356

Protanomaly

44.1813, 0.3240, 0.3356

Deuteranomaly

43.7828, 0.3327, 0.3304

Tritanomaly

44.2588, 0.3202, 0.3213

Monochromacy



Original Color

44.1270, 0.3276, 0.3356

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3632, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1270, 0.3276, 0.3356 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(187, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 170)  
}
```

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(187, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.1270, 0.3276, 0.3356 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(187, 175, 170) }
```

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

```
.border{ border-color:rgb(187, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1270, 0.3276, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 175, 170) }
```

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

```
.background{ background-color: rgb(187,  
175, 170) }
```

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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