

Converting Colors

$Yxy(44.3573, 0.3353, 0.3596)$

Have a look what the booklet for
Yxy(44.3573, 0.3353, 0.3596)
contains.

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Color

Yxy(44.3084, 0.3354, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	B7B29C
RGB	183, 178, 156
RGB Percent	72%, 70%, 61%
CMY	0.2823, 0.3020, 0.3881
CMYK	0.00, 0.03, 0.15, 0.28
HSL	49°, 16%, 66%
HSV	49°, 15%, 72%
XYZ	41.4534, 44.3084, 37.8321
YIQ	176.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

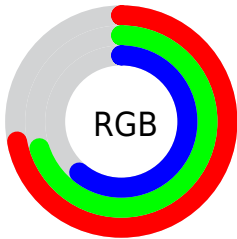
Format	Color
RYB	162, 183, 156
Decimal	12038812
CIELab	72.43, -2.00, 11.87
CIELCh	72, 12.037, 99.579
Yxy	44.3084, 0.3354, 0.3585
Android (android.graphics.Color)	4290228892 (0xFFB7B29C)
YUV	176.9870, -10.3466, 5.2734
Hunter-Lab	66.5646, -5.3263, 12.8976

Details

The Yxy color **44.3084, 0.3354, 0.3585** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9943, 0.2896, 0.2977**, and the grayscale version is **44.0133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8995, 0.3308, 0.3529**, and **20.4330, 0.3420, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **42.3999, 0.3520, 0.3792**, and if you desaturate by 10%, it is **46.3478, 0.3198, 0.3383**.

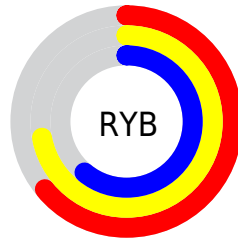
Distribution



Red (72%)

Green (70%)

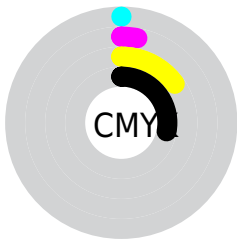
Blue (61%)



Red (64%)

Yellow (72%)

Blue (61%)

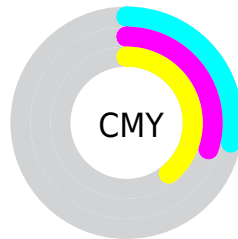


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (30%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3084, 0.3354, 0.3585 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 44.3084, 0.3354, 0.3585 by changing the saturation by 10% instead.


 44.3084, 0.3354,
0.3585


 44.3084, 0.3354,
0.3585


363.9653, 0.3240,
0.3436

 30.9130, 0.3383,
0.3623


 81.6816, 0.3312,
0.3530

 20.5326, 0.3419,
0.3672


 106.4282, 0.3297,
0.3510

 12.7828, 0.3468,
0.3738


135.7274, 0.3284,
0.3493

 7.2792, 0.3537,
0.3830

169.9635, 0.3272,
0.3478

 3.6373, 0.3638,
0.3970

209.5210, 0.3263,
0.3465

 1.4728, 0.3835,
0.4239

254.7842, 0.3254,

 0.2695, 0.4347,

0.3454

0.5653

306.1375, 0.3247,
0.3444

0.0000, 0.0000,
0.0000

44.3084, 0.3354,
0.3585

44.3084, 0.3354,
0.3585

42.3999, 0.3520,
0.3792

46.3478, 0.3198,
0.3383

40.6121, 0.3692,
0.3999

48.5162, 0.3052,
0.3190

38.9420, 0.3865,
0.4198

50.8198, 0.2919,
0.3009

37.3847, 0.4034,
0.4379

53.2620, 0.2798,
0.2840

35.9345, 0.4191,
0.4533

55.8465, 0.2688,
0.2685

■ 34.5852, 0.4329,
0.4651

■ 57.8591, 0.2649,
0.2649

■ 33.3295, 0.4442,
0.4725

■ 59.4350, 0.2653,
0.2688

■ 32.1588, 0.4526,
0.4754

■ 61.0460, 0.2657,
0.2728

■ 31.5678, 0.4564,
0.4758

■ 62.6924, 0.2661,
0.2768

Harmonies

Analogous

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



44.3084, 0.3450, 0.3513



44.3084, 0.3354, 0.3585



44.3084, 0.3198, 0.3576

Triad

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



44.3084, 0.3354, 0.3585



44.3084, 0.2807, 0.3180



44.3084, 0.3223, 0.3107

Complementary

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



44.3084, 0.3354, 0.3585



35.9943, 0.2896, 0.2977

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.



44.3084, 0.3049, 0.3022



44.3084, 0.3354, 0.3585



44.3084, 0.2813, 0.3060

Square

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



44.3084, 0.3354, 0.3585



44.3084, 0.2885, 0.3337



44.3084, 0.2900, 0.3004



44.3084, 0.3374, 0.3238

Rectangle

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



44.3084, 0.3354, 0.3585



44.3084, 0.3083, 0.3523



44.3084, 0.2900, 0.3004



44.3084, 0.3165, 0.3072

Sweetspot

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



44.3104, 0.3354, 0.3585



83.2521, 0.3187, 0.3369



36.4435, 0.3345, 0.3217



18.3251, 0.3199, 0.3384



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.



44.3104, 0.3354, 0.3585



78.1067, 0.3412, 0.3658



45.3774, 0.3273, 0.3658



10.2120, 0.3268, 0.3475



22.1124, 0.4559, 0.4762



0.8540, 0.4449, 0.4849

Inverse Universe

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



35.9943, 0.2896, 0.2977



60.0796, 0.2835, 0.2893



35.1116, 0.2967, 0.2912



8.9823, 0.2984, 0.3098



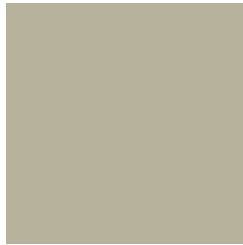
3.2588, 0.1553, 0.0791



0.1972, 0.1678, 0.1240

Previews

White Background



This preview shows how the Yxy color 44.3084, 0.3354, 0.3585 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 44.3084, 0.3354, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

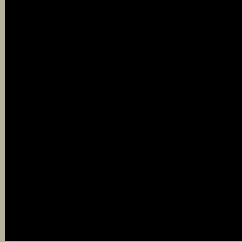
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

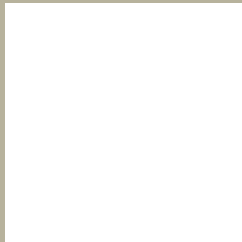
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3084, 0.3354, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 44.3084, 0.3354, 0.3585.



This preview shows how white text looks on a background with the Yxy color 44.3084, 0.3354, 0.3585.

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

44.3084, 0.3354, 0.3585

Protanopia

44.2837, 0.3384, 0.3570

Deuteranopia

44.1167, 0.3539, 0.3469



Tritanopia

44.4248, 0.3135, 0.3123

Trichromacy



Original Color

44.3084, 0.3354, 0.3585

Protanomaly

44.1589, 0.3374, 0.3571

Deuteranomaly

44.3085, 0.3465, 0.3511

Tritanomaly

44.2336, 0.3217, 0.3277

Monochromacy



Original Color

44.3084, 0.3354, 0.3585

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8926, 0.3210, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3084, 0.3354, 0.3585 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(183, 178, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 156)  
}
```

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(183, 178, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.3084, 0.3354, 0.3585 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(183, 178, 156) }
```

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

```
.border{ border-color:rgb(183, 178, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 178, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 178, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 178, 156); box-shadow:4px 4px 4px 4px rgb(183, 178, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3084, 0.3354, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 156) }
```

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

```
.background{ background-color: rgb(183,  
178, 156) }
```

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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