

Converting Colors

$Yxy(44.1663, 0.3329, 0.3386)$

Have a look what the booklet for
Yxy(44.1663, 0.3329, 0.3386)
contains.

Yxy(44.0093, 0.3331, 0.3382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.0093, 0.3331, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	BEAEA7
RGB	190, 174, 167
RGB Percent	75%, 68%, 65%
CMY	0.2549, 0.3176, 0.3451
CMYK	0.00, 0.08, 0.12, 0.25
HSL	18°, 15%, 70%
HSV	18°, 12%, 75%
XYZ	43.3456, 44.0093, 42.7731
YIQ	177.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

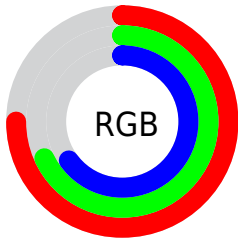
Format	Color
RYB	190, 177, 167
Decimal	12496551
CIELab	72.23, 4.54, 5.65
CIELCh	72, 7.250, 51.227
Yxy	44.0093, 0.3331, 0.3382
Android (android.graphics.Color)	4290686631 (0xFFBEAE7)
YUV	177.9860, -5.4161, 10.5363
Hunter-Lab	66.3395, 0.5362, 8.2098

Details

The Yxy color **44.0093, 0.3331, 0.3382** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7996, 0.2943, 0.3196**, and the grayscale version is **44.5384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9054, 0.3291, 0.3362**, and **20.4752, 0.3398, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **38.5014, 0.3534, 0.3463**, and if you desaturate by 10%, it is **50.1267, 0.3160, 0.3305**.

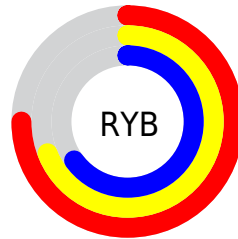
Distribution



Red (75%)

Green (68%)

Blue (65%)



Red (75%)

Yellow (69%)

Blue (65%)

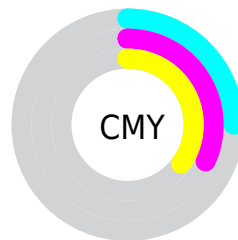


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0093, 0.3331, 0.3382 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 44.0093, 0.3331, 0.3382 by changing the saturation by 10% instead.


 44.0093, 0.3331,
0.3382


 44.0093, 0.3331,
0.3382

362.7462, 0.3228,
0.3336

 30.6778, 0.3357,
0.3393


 81.2317, 0.3293,
0.3365

 20.3536, 0.3391,
0.3408


 105.8915, 0.3279,
0.3359

 12.6524, 0.3437,
0.3427


135.0961, 0.3267,
0.3354

 7.1896, 0.3502,
0.3453

169.2300, 0.3257,
0.3349

 3.5810, 0.3602,
0.3492

208.6776, 0.3248,
0.3346

 1.4420, 0.3772,
0.3555

253.8232, 0.3240,

 0.2474, 0.5831,

0.3342

0.4169

305.0513, 0.3234,
0.3339

0.0000, 0.0000,
0.0000

44.0093, 0.3331,
0.3382

44.0093, 0.3331,
0.3382

38.5014, 0.3534,
0.3463

50.1267, 0.3160,
0.3305

33.5784, 0.3773,
0.3547

56.8660, 0.3015,
0.3234

29.2222, 0.4052,
0.3629

64.2462, 0.2893,
0.3169

25.4117, 0.4369,
0.3704

72.2841, 0.2789,
0.3109

22.1245, 0.4719,
0.3761

80.5360, 0.2737,
0.3128

■ 19.3363, 0.5085,
0.3790

■ 88.6062, 0.2750,
0.3271

■ 17.0210, 0.5441,
0.3780

■ 89.6864, 0.2752,
0.3289

■ 15.1493, 0.5751,
0.3723

■ 13.9562, 0.5954,
0.3654

Harmonies

Analogous

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



44.0093, 0.3301, 0.3294



44.0093, 0.3331, 0.3382



44.0093, 0.3305, 0.3447

Triad

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



44.0093, 0.3331, 0.3382



44.0093, 0.3030, 0.3375



44.0093, 0.3022, 0.3115

Complementary

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



44.0093, 0.3331, 0.3382



45.7996, 0.2943, 0.3196

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.



44.0093, 0.2952, 0.3133



44.0093, 0.3331, 0.3382



44.0093, 0.2956, 0.3282

Square

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



44.0093, 0.3331, 0.3382



44.0093, 0.3130, 0.3445



44.0093, 0.2928, 0.3193



44.0093, 0.3121, 0.3142

Rectangle

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



44.0093, 0.3331, 0.3382



44.0093, 0.3260, 0.3469



44.0093, 0.2928, 0.3193



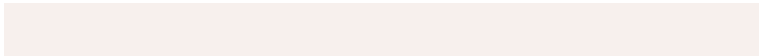
44.0093, 0.2994, 0.3115

Sweetspot

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



44.0112, 0.3331, 0.3382



88.5750, 0.3191, 0.3320



42.0102, 0.3200, 0.3083



19.2598, 0.3203, 0.3326



97.7402, 0.3127, 0.3290



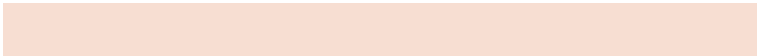
20.4902, 0.3127, 0.3290

Same Dimension

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



44.0112, 0.3331, 0.3382



76.5031, 0.3391, 0.3407



48.6010, 0.3313, 0.3527



9.9973, 0.3281, 0.3360



9.4037, 0.5930, 0.3673



0.4874, 0.5447, 0.4057

Inverse Universe

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



45.7996, 0.2943, 0.3196



80.4977, 0.2894, 0.3170



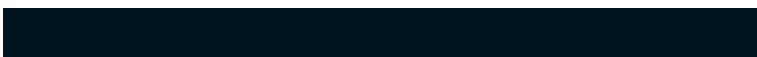
41.2892, 0.2939, 0.3041



10.3059, 0.2985, 0.3219



13.6176, 0.1966, 0.2278



0.6437, 0.2042, 0.2549

Previews

White Background



This preview shows how the Yxy color 44.0093, 0.3331, 0.3382 looks on a white background.

Color Contrast Check

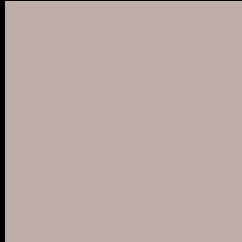
Large Text (above 18pt) WCAG AA × Fail

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 44.0093, 0.3331, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

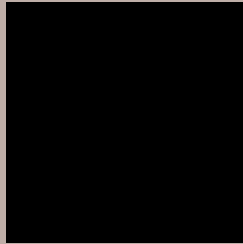
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0093, 0.3331, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 44.0093, 0.3331, 0.3382.



This preview shows how white text looks on a background with the Yxy color 44.0093, 0.3331, 0.3382.

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

44.0093, 0.3331, 0.3382

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.9587, 0.3402, 0.3329



Tritanopia

43.8351, 0.3198, 0.3112

Trichromacy



Original Color

44.0093, 0.3331, 0.3382

Protanomaly

43.8014, 0.3275, 0.3383

Deuteranomaly

43.9343, 0.3372, 0.3342

Tritanomaly

43.7958, 0.3248, 0.3213

Monochromacy



Original Color

44.0093, 0.3331, 0.3382

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4454, 0.3196, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0093, 0.3331, 0.3382 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(190, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 174, 167)  
}
```

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(190, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 174, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.0093, 0.3331, 0.3382 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(190, 174, 167) }
```

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

```
.border{ border-color:rgb(190, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 174,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0093, 0.3331, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 174, 167) }
```

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

```
.background{ background-color: rgb(190,  
174, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor