

Converting Colors

$Y_{xy}(43.6590, 0.3311, 0.3342)$

Have a look what the booklet for
Yxy(43.6590, 0.3311, 0.3342)
contains.

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Color

Yxy(43.6989, 0.3315, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	BEADA9
RGB	190, 173, 169
RGB Percent	75%, 68%, 66%
CMY	0.2551, 0.3215, 0.3373
CMYK	0.00, 0.09, 0.11, 0.26
HSL	12°, 14%, 70%
HSV	12°, 11%, 74%
XYZ	43.3329, 43.6989, 43.6858
YIQ	177.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

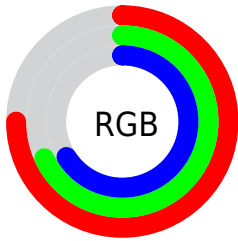
Format	Color
R _Y B	190, 174, 169
Decimal	12496297
CIE Lab	72.03, 5.40, 4.26
CIE LCh	72, 6.877, 38.272
Yxy	43.6989, 0.3315, 0.3343
Android (android.graphics.Color)	4290686377 (0xFFBEADA9)
YUV	177.6270, -4.2531, 10.8511
Hunter-Lab	66.1051, 1.3254, 7.0916

Details

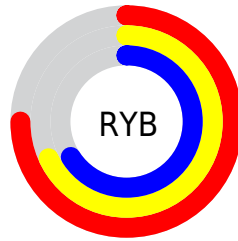
The Yxy color $43.6989, 0.3315, 0.3343$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.2448, 0.2959, 0.3236$, and the grayscale version is $44.3307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4615, 0.3279, 0.3331$, and $20.2775, 0.3377, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $37.4835, 0.3523, 0.3395$, and if you desaturate by 10%, it is $50.6986, 0.3143, 0.3295$.

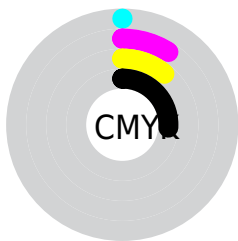
Distribution



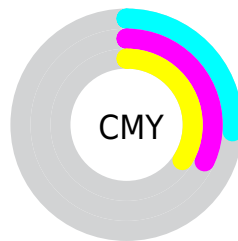
- Red (75%)
- Green (68%)
- Blue (66%)



- Red (75%)
- Yellow (68%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (26%)





- Cyan (26%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6989, 0.3315, 0.3343 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 43.6989, 0.3315, 0.3343 by changing the saturation by 10% instead.


 43.6989, 0.3315,
0.3343

 43.6989, 0.3315,
0.3343


361.4782, 0.3220,
0.3317

 30.4339, 0.3339,
0.3349


 80.7645, 0.3280,
0.3334

 20.1681, 0.3371,
0.3358


105.3338, 0.3267,
0.3330

 12.5173, 0.3413,
0.3368


134.4400, 0.3256,
0.3327

 7.0970, 0.3473,
0.3383

168.4675, 0.3247,
0.3324

 3.5229, 0.3566,
0.3404

207.8007, 0.3239,
0.3322

 1.4104, 0.3725,
0.3437

252.8239, 0.3231,

 0.2244, 0.6060,

0.3320

0.3940

303.9216, 0.3225,
0.3319

0.0000, 0.0000,
0.0000

43.6989, 0.3315,
0.3343

43.6989, 0.3315,
0.3343

37.4835, 0.3523,
0.3395

50.6986, 0.3143,
0.3295

32.0193, 0.3773,
0.3448

58.5028, 0.3001,
0.3250

27.2794, 0.4072,
0.3500

67.1379, 0.2883,
0.3210

23.2332, 0.4420,
0.3547

76.6277, 0.2785,
0.3173

19.8477, 0.4812,
0.3581

86.4029, 0.2747,
0.3233

■ 17.0871, 0.5227,
0.3594

■ 89.6823, 0.2752,
0.3289

■ 14.9124, 0.5629,
0.3577

■ 13.2797, 0.5967,
0.3526

■ 12.2295, 0.6194,
0.3464

Harmonies

Analogous

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



43.6989, 0.3265, 0.3257



43.6989, 0.3315, 0.3343



43.6989, 0.3313, 0.3417

Triad

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



43.6989, 0.3315, 0.3343



43.6989, 0.3074, 0.3403



43.6989, 0.2994, 0.3125

Complementary

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



43.6989, 0.3315, 0.3343



47.2448, 0.2959, 0.3236

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.



43.6989, 0.2944, 0.3161



43.6989, 0.3315, 0.3343



43.6989, 0.2990, 0.3322

Square

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



43.6989, 0.3315, 0.3343



43.6989, 0.3173, 0.3454



43.6989, 0.2943, 0.3233



43.6989, 0.3079, 0.3133

Rectangle

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



43.6989, 0.3315, 0.3343



43.6989, 0.3283, 0.3449



43.6989, 0.2943, 0.3233



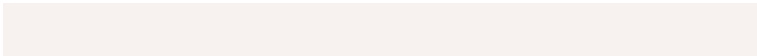
43.6989, 0.2972, 0.3132

Sweetspot

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



43.7008, 0.3315, 0.3343



89.2442, 0.3175, 0.3304



42.8681, 0.3172, 0.3070



19.3640, 0.3188, 0.3308



97.7402, 0.3127, 0.3290



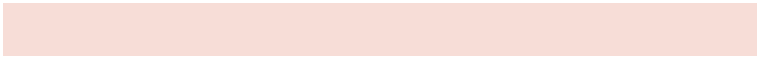
20.4902, 0.3127, 0.3290

Same Dimension

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



43.7008, 0.3315, 0.3343



76.6569, 0.3357, 0.3354



47.8075, 0.3299, 0.3475



9.8245, 0.3284, 0.3335



8.2236, 0.6174, 0.3480



0.4125, 0.5730, 0.3832

Inverse Universe

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



47.2448, 0.2959, 0.3236



84.2339, 0.2927, 0.3225



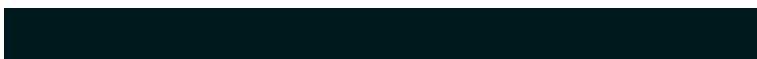
43.0596, 0.2957, 0.3098



10.4902, 0.2985, 0.3245



17.8557, 0.2076, 0.2672



0.7808, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 43.6989, 0.3315, 0.3343 looks on a white background.

Color Contrast Check

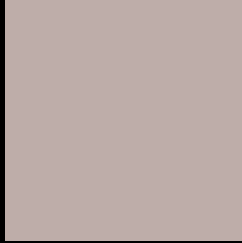
Large Text (above 18pt) WCAG AA × Fail

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 43.6989, 0.3315, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

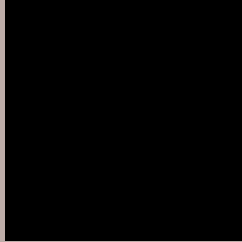
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

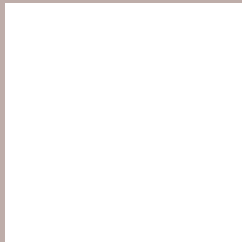
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6989, 0.3315, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 43.6989, 0.3315, 0.3343.



This preview shows how white text looks on a background with the Yxy color 43.6989, 0.3315, 0.3343.

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

43.6989, 0.3315, 0.3343

Protanopia

43.8147, 0.3213, 0.3357

Deuteranopia

43.7262, 0.3374, 0.3316



Tritanopia

43.7930, 0.3207, 0.3124

Trichromacy



Original Color

43.6989, 0.3315, 0.3343

Protanomaly

43.7526, 0.3249, 0.3357

Deuteranomaly

43.8390, 0.3354, 0.3329

Tritanomaly

43.8361, 0.3239, 0.3200

Monochromacy



Original Color

43.6989, 0.3315, 0.3343

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0909, 0.3188, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6989, 0.3315, 0.3343 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, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 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(190, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.6989, 0.3315, 0.3343 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, 173, 169) }
```

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

```
.border{ border-color:rgb(190, 173, 169) }
```

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

Here you see how a box with a 4 pixel rgb(190, 173, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6989, 0.3315, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 169) }
```

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

```
.background{ background-color: rgb(190,  
173, 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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