

Converting Colors

$Yxy(43.2102, 0.3373, 0.3394)$

Have a look what the booklet for
Yxy(43.2102, 0.3373, 0.3394)
contains.

Yxy(43.2617, 0.3370, 0.3395)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2617, 0.3370, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	BFACA4
RGB	191, 172, 164
RGB Percent	75%, 67%, 64%
CMY	0.2509, 0.3255, 0.3567
CMYK	0.00, 0.10, 0.14, 0.25
HSL	18°, 17%, 70%
HSV	18°, 14%, 75%
XYZ	42.9431, 43.2617, 41.2229
YIQ	176.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

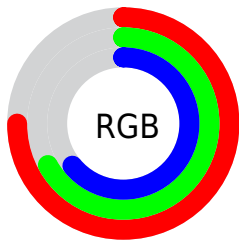
Format	Color
R _Y B	191, 175, 164
Decimal	12561572
CIE Lab	71.73, 5.51, 6.58
CIE LCh	72, 8.582, 50.041
Yxy	43.2617, 0.3370, 0.3395
Android (android.graphics.Color)	4290751652 (0xFFBFACA4)
YUV	176.7690, -6.2951, 12.4806
Hunter-Lab	65.7736, 1.4375, 8.8822

Details

The Yxy color **43.2617, 0.3370, 0.3395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5424, 0.2912, 0.3183**, and the grayscale version is **43.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0091, 0.3328, 0.3372**, and **19.9212, 0.3441, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **37.7577, 0.3581, 0.3475**, and if you desaturate by 10%, it is **49.3922, 0.3192, 0.3320**.

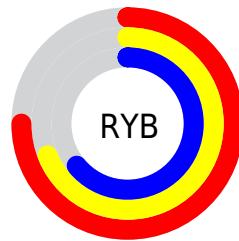
Distribution



Red (75%)

Green (67%)

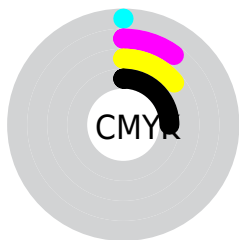
Blue (64%)



Red (75%)

Yellow (69%)

Blue (64%)

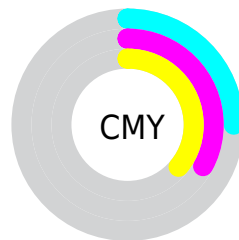


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2617, 0.3370, 0.3395 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 43.2617, 0.3370, 0.3395 by changing the saturation by 10% instead.


 43.2617, 0.3370,
0.3395

 43.2617, 0.3370,
0.3395


359.6869, 0.3246,
0.3343

 30.0905, 0.3402,
0.3408


 80.1056, 0.3325,
0.3376

 19.9073, 0.3442,
0.3424


 104.5471, 0.3308,
0.3369

 12.3277, 0.3498,
0.3446


133.5142, 0.3293,
0.3363

 6.9672, 0.3576,
0.3476

167.3913, 0.3281,
0.3358

 3.4416, 0.3697,
0.3520

206.5627, 0.3271,
0.3353

 1.3664, 0.3905,
0.3589

251.4128, 0.3262,

 0.1918, 0.6229,

0.3350

0.3771

302.3261, 0.3254,
0.3346

0.0000, 0.0000,
0.0000

43.2617, 0.3370,
0.3395

43.2617, 0.3370,
0.3395

37.7577, 0.3581,
0.3475

49.3922, 0.3192,
0.3320

32.8544, 0.3829,
0.3556

56.1624, 0.3042,
0.3249

28.5328, 0.4118,
0.3635

63.5924, 0.2916,
0.3185

24.7703, 0.4446,
0.3704

71.6998, 0.2809,
0.3126

21.5433, 0.4805,
0.3755

80.2057, 0.2742,
0.3120

■ 18.8261, 0.5177,
0.3775

■ 88.3959, 0.2755,
0.3265

■ 16.5905, 0.5530,
0.3754

■ 89.8177, 0.2757,
0.3289

■ 14.8052, 0.5828,
0.3687

■ 13.9460, 0.5977,
0.3636

Harmonies

Analogous

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



43.2617, 0.3332, 0.3290



43.2617, 0.3370, 0.3395



43.2617, 0.3342, 0.3475

Triad

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



43.2617, 0.3370, 0.3395



43.2617, 0.3016, 0.3395



43.2617, 0.2998, 0.3081

Complementary

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



43.2617, 0.3370, 0.3395



45.5424, 0.2912, 0.3183

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.



43.2617, 0.2916, 0.3105



43.2617, 0.3370, 0.3395



43.2617, 0.2926, 0.3285

Square

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



43.2617, 0.3370, 0.3395



43.2617, 0.3136, 0.3477



43.2617, 0.2890, 0.3178



43.2617, 0.3115, 0.3112

Rectangle

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



43.2617, 0.3370, 0.3395



43.2617, 0.3289, 0.3502



43.2617, 0.2890, 0.3178



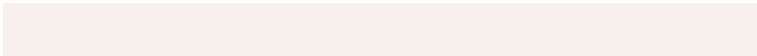
43.2617, 0.2965, 0.3083

Sweetspot

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



43.2636, 0.3370, 0.3395



88.5219, 0.3191, 0.3319



41.0738, 0.3210, 0.3041



19.2460, 0.3204, 0.3325



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.



43.2636, 0.3370, 0.3395



74.2572, 0.3433, 0.3420



48.5261, 0.3346, 0.3563



9.9833, 0.3281, 0.3358



9.2877, 0.5953, 0.3655



0.4813, 0.5467, 0.4041

Inverse Universe

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



45.5424, 0.2912, 0.3183



79.1365, 0.2864, 0.3157



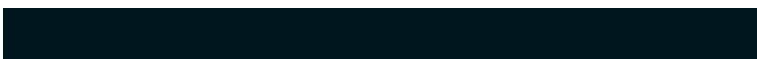
40.3609, 0.2906, 0.3002



10.3207, 0.2985, 0.3221



13.9304, 0.1975, 0.2310



0.6541, 0.2048, 0.2573

Previews

White Background



This preview shows how the Yxy color 43.2617, 0.3370, 0.3395 looks on a white background.

Color Contrast Check

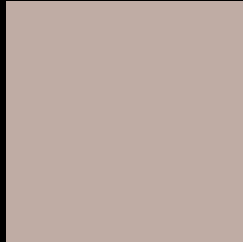
Large Text (above 18pt) WCAG AA × Fail

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 43.2617, 0.3370, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

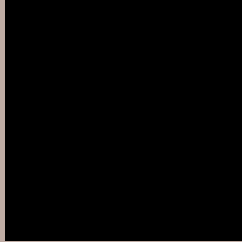
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2617, 0.3370, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 43.2617, 0.3370, 0.3395.



This preview shows how white text looks on a background with the Yxy color 43.2617, 0.3370, 0.3395.

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

43.2617, 0.3370, 0.3395

Protanopia

43.2369, 0.3256, 0.3411

Deuteranopia

43.3001, 0.3431, 0.3368



Tritanopia

43.0908, 0.3235, 0.3124

Trichromacy



Original Color

43.2617, 0.3370, 0.3395

Protanomaly

43.3030, 0.3302, 0.3410

Deuteranomaly

43.4083, 0.3410, 0.3381

Tritanomaly

43.0511, 0.3286, 0.3226

Monochromacy



Original Color

43.2617, 0.3370, 0.3395

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5836, 0.3214, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2617, 0.3370, 0.3395 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(191, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 164)  
}
```

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(191, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.2617, 0.3370, 0.3395 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(191, 172, 164) }
```

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

```
.border{ border-color:rgb(191, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2617, 0.3370, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 164) }
```

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

```
.background{ background-color: rgb(191,  
172, 164) }
```

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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