

Converting Colors

$Yxy(42.6435, 0.3291, 0.3322)$

Have a look what the booklet for
Yxy(42.6435, 0.3291, 0.3322)
contains.

Yxy(42.5552, 0.3291, 0.3317)	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(42.5552, 0.3291, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	BBABA9
RGB	187, 171, 169
RGB Percent	73%, 67%, 66%
CMY	0.2666, 0.3294, 0.3373
CMYK	0.00, 0.09, 0.10, 0.27
HSL	7°, 12%, 70%
HSV	7°, 10%, 73%
XYZ	42.2216, 42.5552, 43.5174
YIQ	175.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

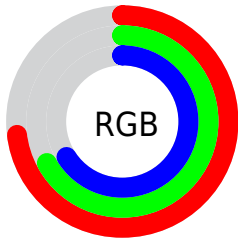
Format	Color
RYB	187, 171, 169
Decimal	12299177
CIELab	71.25, 5.42, 3.11
CIElCh	71, 6.251, 29.874
Yxy	42.5552, 0.3291, 0.3317
Android (android.graphics.Color)	4290489257 (0xFFBBABA9)
YUV	175.5560, -3.2321, 10.0364
Hunter-Lab	65.2343, 1.3705, 6.1121

Details

The Yxy color **42.5552, 0.3291, 0.3317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7276, 0.2981, 0.3263**, and the grayscale version is **43.1882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8292, 0.3260, 0.3311**, and **19.5463, 0.3343, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **36.0159, 0.3499, 0.3347**, and if you desaturate by 10%, it is **49.9881, 0.3122, 0.3289**.

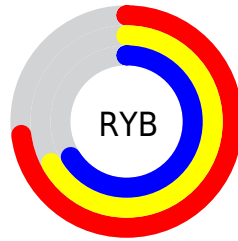
Distribution



Red (73%)

Green (67%)

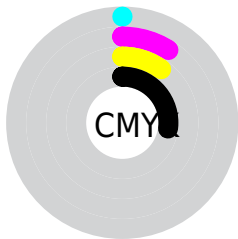
Blue (66%)



Red (73%)

Yellow (67%)

Blue (66%)

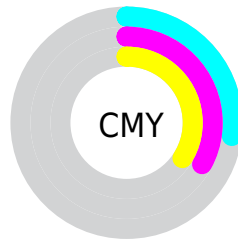


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5552, 0.3291, 0.3317 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 42.5552, 0.3291, 0.3317 by changing the saturation by 10% instead.


 42.5552, 0.3291,
0.3317

 42.5552, 0.3291,
0.3317


356.7793, 0.3208,
0.3304

 29.5363, 0.3312,
0.3320


 79.0392, 0.3260,
0.3312

 19.4869, 0.3340,
0.3324


103.2731, 0.3249,
0.3311

 12.0226, 0.3378,
0.3329


132.0141, 0.3239,
0.3309

 6.7591, 0.3431,
0.3337


165.6465, 0.3231,
0.3308

 3.3119, 0.3514,
0.3347

204.5549, 0.3224,
0.3307

 1.2966, 0.3658,
0.3362

249.1236, 0.3218,

 0.1386, 0.6558,

0.3306

0.3442

299.7369, 0.3212,
0.3305

0.0000, 0.0000,
0.0000

42.5552, 0.3291,
0.3317

42.5552, 0.3291,
0.3317

36.0159, 0.3499,
0.3347

49.9881, 0.3122,
0.3289

30.3311, 0.3753,
0.3378

58.3405, 0.2984,
0.3263

25.4671, 0.4060,
0.3409

67.6445, 0.2870,
0.3240

21.3860, 0.4425,
0.3437

77.9287, 0.2777,
0.3219

18.0468, 0.4840,
0.3457

88.7281, 0.2736,
0.3279

■ 15.4045, 0.5284,
0.3463

■ 89.3083, 0.2737,
0.3289

■ 13.4097, 0.5712,
0.3450

■ 12.0061, 0.6065,
0.3416

■ 11.1221, 0.6302,
0.3373

Harmonies

Analogous

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



42.5552, 0.3234, 0.3239



42.5552, 0.3291, 0.3317



42.5552, 0.3303, 0.3390

Triad

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



42.5552, 0.3291, 0.3317



42.5552, 0.3104, 0.3410



42.5552, 0.2988, 0.3144

Complementary

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



42.5552, 0.3291, 0.3317



46.7276, 0.2981, 0.3263

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.



42.5552, 0.2954, 0.3187



42.5552, 0.3291, 0.3317



42.5552, 0.3021, 0.3342

Square

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



42.5552, 0.3291, 0.3317



42.5552, 0.3194, 0.3445



42.5552, 0.2966, 0.3260



42.5552, 0.3059, 0.3140

Rectangle

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



42.5552, 0.3291, 0.3317



42.5552, 0.3284, 0.3425



42.5552, 0.2966, 0.3260



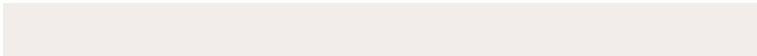
42.5552, 0.2972, 0.3154

Sweetspot

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



42.5571, 0.3291, 0.3317



84.7901, 0.3175, 0.3298



42.4514, 0.3153, 0.3080



18.4317, 0.3189, 0.3301



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.



42.5571, 0.3291, 0.3317



73.0620, 0.3340, 0.3325



45.9987, 0.3279, 0.3432



9.7030, 0.3286, 0.3316



7.6997, 0.6296, 0.3383



0.3592, 0.5976, 0.3637

Inverse Universe

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



46.7276, 0.2981, 0.3263



82.3378, 0.2943, 0.3255



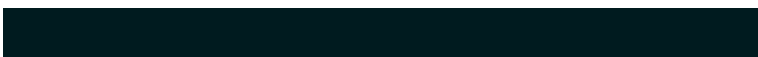
43.1528, 0.2980, 0.3144



10.6230, 0.2985, 0.3264



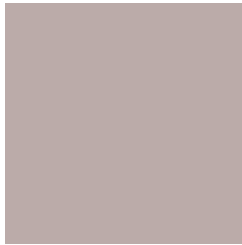
21.3686, 0.2150, 0.2940



0.8894, 0.2175, 0.3031

Previews

White Background



This preview shows how the Yxy color 42.5552, 0.3291, 0.3317 looks on a white background.

Color Contrast Check

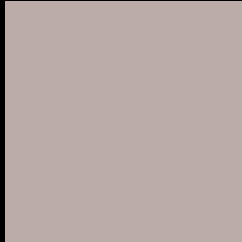
Large Text (above 18pt) WCAG AA × Fail

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 42.5552, 0.3291, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

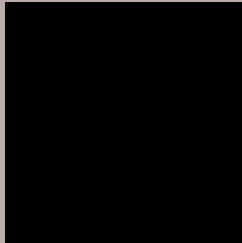
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5552, 0.3291, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 42.5552, 0.3291, 0.3317.



This preview shows how white text looks on a background with the Yxy color 42.5552, 0.3291, 0.3317.

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

42.5552, 0.3291, 0.3317

Protanopia

42.6774, 0.3188, 0.3331

Deuteranopia

42.5780, 0.3350, 0.3291



Tritanopia

42.5721, 0.3199, 0.3122

Trichromacy



Original Color

42.5552, 0.3291, 0.3317

Protanomaly

42.6132, 0.3224, 0.3330

Deuteranomaly

42.6904, 0.3329, 0.3304

Tritanomaly

42.6151, 0.3232, 0.3199

Monochromacy



Original Color

42.5552, 0.3291, 0.3317

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9925, 0.3189, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5552, 0.3291, 0.3317 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, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 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(187, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.5552, 0.3291, 0.3317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

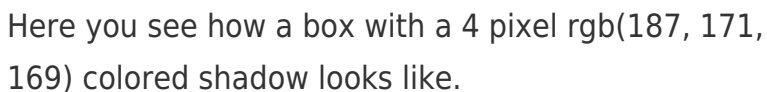
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 171, 169) }
```

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

```
.border{ border-color:rgb(187, 171, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 171, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 171, 169); box-shadow:4px 4px 4px 4px rgb(187, 171, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5552, 0.3291, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 169) }
```

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

```
.background{ background-color: rgb(187,  
171, 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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