

Converting Colors

$Y_{xy}(42.2680, 0.3307, 0.3381)$

Have a look what the booklet for
Yxy(42.2680, 0.3307, 0.3381)
contains.

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Color

Yxy(42.1567, 0.3307, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	B9ABA5
RGB	185, 171, 165
RGB Percent	73%, 67%, 65%
CMY	0.2746, 0.3294, 0.3530
CMYK	0.00, 0.08, 0.11, 0.27
HSL	18°, 12%, 69%
HSV	18°, 11%, 73%
XYZ	41.3563, 42.1567, 41.5439
YIQ	174.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

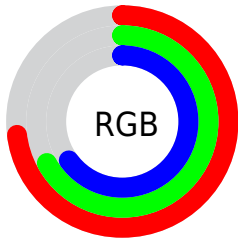
Format	Color
RYB	185, 174, 165
Decimal	12168101
CIELab	70.98, 3.97, 4.90
CIElCh	71, 6.312, 50.982
Yxy	42.1567, 0.3307, 0.3371
Android (android.graphics.Color)	4290358181 (0xFFB9ABA5)
YUV	174.5020, -4.6845, 9.2067
Hunter-Lab	64.9282, 0.0721, 7.5134

Details

The Yxy color $42.1567, 0.3307, 0.3371$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.7162, 0.2963, 0.3208$, and the grayscale version is $42.6188, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2608, 0.3272, 0.3352$, and $19.2914, 0.3366, 0.3401$ is the 20% darker color. If you saturate the color by 10%, you get $36.8892, 0.3505, 0.3451$, and if you desaturate by 10%, it is $48.0022, 0.3140, 0.3296$.

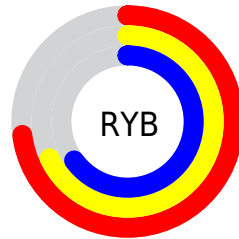
Distribution



Red (73%)

Green (67%)

Blue (65%)



Red (73%)

Yellow (68%)

Blue (65%)

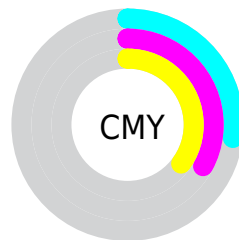


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1567, 0.3307, 0.3371 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 42.1567, 0.3307, 0.3371 by changing the saturation by 10% instead.


 42.1567, 0.3307,
0.3371


 42.1567, 0.3307,
0.3371


355.1321, 0.3215,
0.3330

 29.2240, 0.3331,
0.3381


 78.4367, 0.3273,
0.3356

 19.2503, 0.3361,
0.3394


 102.5529, 0.3261,
0.3351

 11.8513, 0.3403,
0.3412


131.1656, 0.3250,
0.3346

 6.6425, 0.3462,
0.3436

164.6593, 0.3241,
0.3342

 3.2396, 0.3554,
0.3473

203.4184, 0.3233,
0.3339

 1.2580, 0.3714,
0.3533

247.8274, 0.3227,

 0.1084, 0.6486,

0.3336

0.3514

298.2704, 0.3221,
0.3333

0.0000, 0.0000,
0.0000

42.1567, 0.3307,
0.3371

42.1567, 0.3307,
0.3371

36.8892, 0.3505,
0.3451

48.0022, 0.3140,
0.3296

32.1763, 0.3739,
0.3534

54.4370, 0.2998,
0.3226

28.0012, 0.4012,
0.3615

61.4793, 0.2879,
0.3162

24.3441, 0.4325,
0.3691

69.1446, 0.2778,
0.3104

21.1840, 0.4672,
0.3750

77.2881, 0.2705,
0.3077

■ 18.4982, 0.5038,
0.3784

■ 84.9793, 0.2719,
0.3219

■ 16.2621, 0.5397,
0.3779

■ 89.0516, 0.2726,
0.3289

■ 14.4487, 0.5716,
0.3729

■ 13.1227, 0.5957,
0.3652

Harmonies

Analogous

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



42.1567, 0.3280, 0.3293



42.1567, 0.3307, 0.3371



42.1567, 0.3285, 0.3429

Triad

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



42.1567, 0.3307, 0.3371



42.1567, 0.3042, 0.3366



42.1567, 0.3034, 0.3135

Complementary

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



42.1567, 0.3307, 0.3371



43.7162, 0.2963, 0.3208

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.



42.1567, 0.2972, 0.3151



42.1567, 0.3307, 0.3371



42.1567, 0.2976, 0.3284

Square

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



42.1567, 0.3307, 0.3371



42.1567, 0.3131, 0.3427



42.1567, 0.2951, 0.3205



42.1567, 0.3122, 0.3159

Rectangle

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



42.1567, 0.3307, 0.3371



42.1567, 0.3245, 0.3447



42.1567, 0.2951, 0.3205



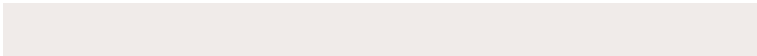
42.1567, 0.3009, 0.3136

Sweetspot

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



42.1586, 0.3307, 0.3371



83.5610, 0.3175, 0.3312



40.4680, 0.3191, 0.3105



17.8284, 0.3187, 0.3318



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.



42.1586, 0.3307, 0.3371



73.1665, 0.3352, 0.3390



46.0664, 0.3292, 0.3501



9.4423, 0.3280, 0.3360



9.0514, 0.5935, 0.3670



0.4313, 0.5415, 0.4082

Inverse Universe

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



43.7162, 0.2963, 0.3208



76.5204, 0.2926, 0.3188



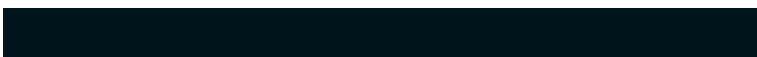
39.8669, 0.2961, 0.3070



9.7407, 0.2985, 0.3219



13.2392, 0.1969, 0.2289



0.5699, 0.2049, 0.2578

Previews

White Background



This preview shows how the Yxy color 42.1567, 0.3307, 0.3371 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 42.1567, 0.3307, 0.3371 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 42.1567, 0.3307, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 42.1567, 0.3307, 0.3371.



This preview shows how white text looks on a background with the Yxy color 42.1567, 0.3307, 0.3371.

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

42.1567, 0.3307, 0.3371

Protanopia

42.2240, 0.3240, 0.3385

Deuteranopia

42.2278, 0.3388, 0.3317



Tritanopia

41.9475, 0.3181, 0.3108

Trichromacy



Original Color

42.1567, 0.3307, 0.3371

Protanomaly

42.0820, 0.3260, 0.3371

Deuteranomaly

42.2055, 0.3358, 0.3330

Tritanomaly

41.9496, 0.3223, 0.3198

Monochromacy



Original Color

42.1567, 0.3307, 0.3371

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7961, 0.3197, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1567, 0.3307, 0.3371 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(185, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 165)  
}
```

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(185, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.1567, 0.3307, 0.3371 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(185, 171, 165) }
```

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

```
.border{ border-color:rgb(185, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1567, 0.3307, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 165) }
```

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

```
.background{ background-color: rgb(185,  
171, 165) }
```

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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