

Converting Colors

$Yxy(42.6543, 0.3351, 0.3444)$

Have a look what the booklet for
Yxy(42.6543, 0.3351, 0.3444)
contains.

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Color

Yxy(42.5174, 0.3350, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	BAACA1
RGB	186, 172, 161
RGB Percent	73%, 67%, 63%
CMY	0.2705, 0.3255, 0.3686
CMYK	0.00, 0.08, 0.13, 0.27
HSL	26°, 15%, 68%
HSV	26°, 13%, 73%
XYZ	41.4412, 42.5174, 39.7464
YIQ	174.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

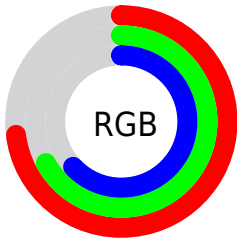
Format	Color
RYB	186, 181, 161
Decimal	12233889
CIELab	71.23, 3.17, 7.45
CIElCh	71, 8.098, 66.983
Yxy	42.5174, 0.3350, 0.3437
Android (android.graphics.Color)	4290423969 (0xFFBAACA1)
YUV	174.9320, -6.8685, 9.7066
Hunter-Lab	65.2054, -0.6640, 9.5031

Details

The Yxy color **42.5174, 0.3350, 0.3437** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8034, 0.2921, 0.3138**, and the grayscale version is **42.8673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7733, 0.3305, 0.3404**, and **19.5236, 0.3426, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **38.0931, 0.3546, 0.3553**, and if you desaturate by 10%, it is **47.3552, 0.3180, 0.3327**.

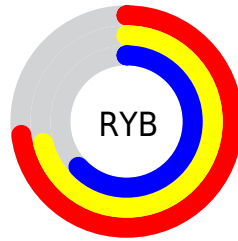
Distribution



Red (73%)

Green (67%)

Blue (63%)



Red (73%)

Yellow (71%)

Blue (63%)

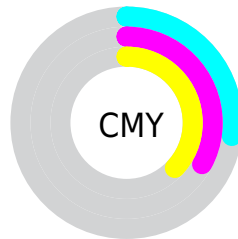


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5174, 0.3350, 0.3437 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 42.5174, 0.3350, 0.3437 by changing the saturation by 10% instead.


 42.5174, 0.3350,
0.3437

 42.5174, 0.3350,
0.3437


356.6233, 0.3236,
0.3363

 29.5066, 0.3379,
0.3456


 78.9821, 0.3308,
0.3410

 19.4644, 0.3417,
0.3480


 103.2048, 0.3293,
0.3400

 12.0063, 0.3468,
0.3512


131.9336, 0.3280,
0.3391

 6.7480, 0.3540,
0.3556

165.5530, 0.3268,
0.3384

 3.3050, 0.3652,
0.3624

204.4472, 0.3259,
0.3378

 1.2930, 0.3851,
0.3741

249.0008, 0.3250,

 0.1357, 0.6032,

0.3372

0.3968

299.5980, 0.3243,
0.3367

0.0000, 0.0000,
0.0000

42.5174, 0.3350,
0.3437

42.5174, 0.3350,
0.3437

38.0931, 0.3546,
0.3553

47.3552, 0.3180,
0.3327

34.0652, 0.3769,
0.3672

52.6116, 0.3033,
0.3223

30.4235, 0.4021,
0.3788

58.2992, 0.2907,
0.3128

27.1554, 0.4299,
0.3895

64.4279, 0.2798,
0.3040

24.2474, 0.4596,
0.3981

71.0075, 0.2703,
0.2959

■ 21.6849, 0.4897,
0.4034

■ 76.8593, 0.2709,
0.3067

■ 19.4522, 0.5185,
0.4042

■ 82.9990, 0.2721,
0.3182

■ 17.5315, 0.5438,
0.3996

■ 89.1827, 0.2731,
0.3289

■ 16.4262, 0.5586,
0.3947

Harmonies

Analogous

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



42.5174, 0.3349, 0.3348



42.5174, 0.3350, 0.3437



42.5174, 0.3290, 0.3489

Triad

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



42.5174, 0.3350, 0.3437



42.5174, 0.2968, 0.3332



42.5174, 0.3065, 0.3102

Complementary

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



42.5174, 0.3350, 0.3437



41.8034, 0.2921, 0.3138

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.



42.5174, 0.2965, 0.3095



42.5174, 0.3350, 0.3437



42.5174, 0.2910, 0.3225

Square

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



42.5174, 0.3350, 0.3437



42.5174, 0.3069, 0.3429



42.5174, 0.2909, 0.3139



42.5174, 0.3183, 0.3157

Rectangle

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



42.5174, 0.3350, 0.3437



42.5174, 0.3224, 0.3494



42.5174, 0.2909, 0.3139



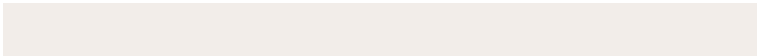
42.5174, 0.3028, 0.3094

Sweetspot

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



42.5193, 0.3350, 0.3437



85.2401, 0.3190, 0.3333



39.0398, 0.3239, 0.3102



18.6200, 0.3202, 0.3341



95.5105, 0.3127, 0.3290



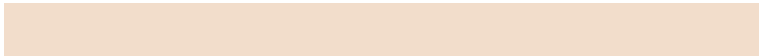
19.5994, 0.3127, 0.3290

Same Dimension

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



42.5193, 0.3350, 0.3437



74.7083, 0.3402, 0.3469



47.4475, 0.3328, 0.3597



9.6435, 0.3277, 0.3391



11.1915, 0.5564, 0.3964



0.5182, 0.5124, 0.4313

Inverse Universe

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



41.8034, 0.2921, 0.3138



73.1692, 0.2877, 0.3104



37.2062, 0.2916, 0.2964



9.5328, 0.2985, 0.3187



9.2451, 0.1835, 0.1806



0.4469, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 42.5174, 0.3350, 0.3437 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 42.5174, 0.3350, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

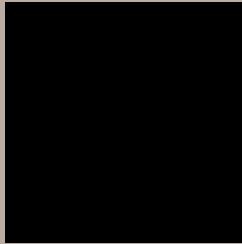
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5174, 0.3350, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 42.5174, 0.3350, 0.3437.



This preview shows how white text looks on a background with the Yxy color 42.5174, 0.3350, 0.3437.

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

42.5174, 0.3350, 0.3437

Protanopia

42.5840, 0.3282, 0.3453

Deuteranopia

42.3497, 0.3443, 0.3369



Tritanopia

42.5721, 0.3199, 0.3122

Trichromacy



Original Color

42.5174, 0.3350, 0.3437

Protanomaly

42.4409, 0.3302, 0.3439

Deuteranomaly

42.1910, 0.3403, 0.3383

Tritanomaly

42.4968, 0.3258, 0.3238

Monochromacy



Original Color

42.5174, 0.3350, 0.3437

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7581, 0.3205, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5174, 0.3350, 0.3437 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(186, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 161)  
}
```

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(186, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 161) }
```

Border

The CSS property to change the border of an element to Yxy 42.5174, 0.3350, 0.3437 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(186, 172, 161) }
```

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

```
.border{ border-color:rgb(186, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5174, 0.3350, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 161) }
```

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

```
.background{ background-color: rgb(186,  
172, 161) }
```

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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