

Converting Colors

$Y_{xy}(42.2187, 0.3364, 0.3575)$

Have a look what the booklet for
Yxy(42.2187, 0.3364, 0.3575)
contains.

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Color

Yxy(42.2753, 0.3360, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	B4AE99
RGB	180, 174, 153
RGB Percent	71%, 68%, 60%
CMY	0.2940, 0.3176, 0.4000
CMYK	0.00, 0.03, 0.15, 0.29
HSL	47°, 15%, 65%
HSV	47°, 15%, 71%
XYZ	39.7107, 42.2753, 36.2005
YIQ	173.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

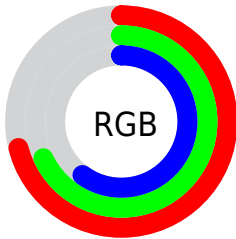
Format	Color
RYB	161, 180, 153
Decimal	11841177
CIELab	71.06, -1.47, 11.55
CIELCh	71, 11.645, 97.258
Yxy	42.2753, 0.3360, 0.3577
Android (android.graphics.Color)	4290031257 (0xFFB4AE99)
YUV	173.4000, -10.0572, 5.7882
Hunter-Lab	65.0195, -4.7651, 12.5031

Details

The Yxy color $42.2753, 0.3360, 0.3577$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.8679, 0.2892, 0.2986$, and the grayscale version is $42.0542, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3765, 0.3320, 0.3522$, and $19.3904, 0.3426, 0.3668$ is the 20% darker color. If you saturate the color by 10%, you get $40.2006, 0.3529, 0.3776$, and if you desaturate by 10%, it is $44.4897, 0.3202, 0.3384$.

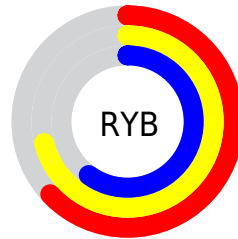
Distribution



Red (71%)

Green (68%)

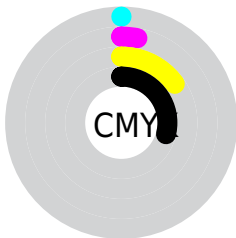
Blue (60%)



Red (63%)

Yellow (71%)

Blue (60%)

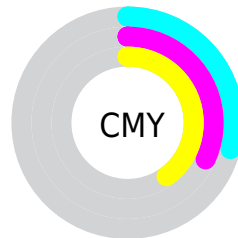


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (32%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2753, 0.3360, 0.3577 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 42.2753, 0.3360, 0.3577 by changing the saturation by 10% instead.


 42.2753, 0.3360,
0.3577

 42.2753, 0.3360,
0.3577


355.6229, 0.3242,
0.3431

 29.3169, 0.3390,
0.3614


 78.6161, 0.3317,
0.3523

 19.3207, 0.3429,
0.3663


 102.7673, 0.3301,
0.3503

 11.9022, 0.3481,
0.3728


131.4183, 0.3287,
0.3486

 6.6771, 0.3554,
0.3821

164.9534, 0.3275,
0.3472

 3.2610, 0.3664,
0.3963

203.7570, 0.3265,
0.3460

 1.2695, 0.3929,
0.4294

248.2135, 0.3257,

 0.1174, 0.3919,

0.3449

0.6081

298.7073, 0.3249,
0.3439

0.0000, 0.0000,
0.0000

42.2753, 0.3360,
0.3577

42.2753, 0.3360,
0.3577

40.2006, 0.3529,
0.3776

44.4897, 0.3202,
0.3384

38.2555, 0.3706,
0.3974

46.8425, 0.3056,
0.3199

36.4374, 0.3886,
0.4166

49.3392, 0.2923,
0.3026

34.7410, 0.4064,
0.4340

51.9838, 0.2802,
0.2866

33.1608, 0.4232,
0.4488

54.7797, 0.2694,
0.2717

■ 31.6906, 0.4383,
0.4600

■ 57.3376, 0.2629,
0.2641

■ 30.3233, 0.4509,
0.4668

■ 59.1953, 0.2635,
0.2688

■ 29.0502, 0.4607,
0.4689

■ 61.1018, 0.2640,
0.2736

■ 28.4412, 0.4650,
0.4690

■ 63.0576, 0.2645,
0.2783

Harmonies

Analogous

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



42.2753, 0.3449, 0.3501



42.2753, 0.3360, 0.3577



42.2753, 0.3210, 0.3575

Triad

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



42.2753, 0.3360, 0.3577



42.2753, 0.2816, 0.3194



42.2753, 0.3208, 0.3102

Complementary

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



42.2753, 0.3360, 0.3577



34.8679, 0.2892, 0.2986

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.



42.2753, 0.3038, 0.3023



42.2753, 0.3360, 0.3577



42.2753, 0.2815, 0.3071

Square

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



42.2753, 0.3360, 0.3577



42.2753, 0.2898, 0.3348



42.2753, 0.2895, 0.3010



42.2753, 0.3360, 0.3228

Rectangle

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



42.2753, 0.3360, 0.3577



42.2753, 0.3096, 0.3527



42.2753, 0.2895, 0.3010



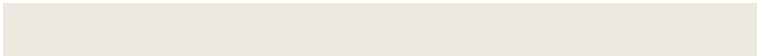
42.2753, 0.3151, 0.3069

Sweetspot

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



42.2772, 0.3360, 0.3577



80.6213, 0.3203, 0.3385



34.9994, 0.3340, 0.3203



17.3635, 0.3214, 0.3398



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.2772, 0.3360, 0.3577



75.3731, 0.3415, 0.3642



43.8122, 0.3283, 0.3663



9.5792, 0.3268, 0.3466



19.9490, 0.4643, 0.4696



0.7071, 0.4495, 0.4813

Inverse Universe

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



34.8679, 0.2892, 0.2986



59.3660, 0.2836, 0.2911



33.5705, 0.2955, 0.2904



8.5270, 0.2985, 0.3108



3.4480, 0.1571, 0.0857



0.1956, 0.1718, 0.1386

Previews

White Background



This preview shows how the Yxy color 42.2753, 0.3360, 0.3577 looks on a white background.

Color Contrast Check

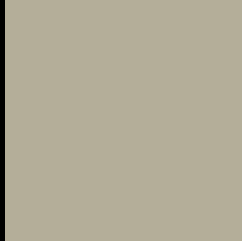
Large Text (above 18pt) WCAG AA × Fail

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 42.2753, 0.3360, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

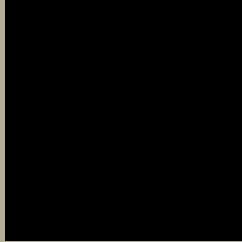
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

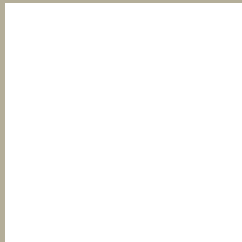
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2753, 0.3360, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 42.2753, 0.3360, 0.3577.



This preview shows how white text looks on a background with the Yxy color 42.2753, 0.3360, 0.3577.

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

42.2753, 0.3360, 0.3577

Protanopia

42.1321, 0.3381, 0.3562

Deuteranopia

42.3441, 0.3536, 0.3473



Tritanopia

42.3587, 0.3144, 0.3120

Trichromacy



Original Color

42.2753, 0.3360, 0.3577

Protanomaly

42.0108, 0.3371, 0.3563

Deuteranomaly

42.1589, 0.3464, 0.3503

Tritanomaly

42.1717, 0.3228, 0.3277

Monochromacy



Original Color

42.2753, 0.3360, 0.3577

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8704, 0.3213, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2753, 0.3360, 0.3577 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(180, 174, 153)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 153)  
}
```

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(180, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.2753, 0.3360, 0.3577 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(180, 174, 153) }
```

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

```
.border{ border-color:rgb(180, 174, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2753, 0.3360, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 153) }
```

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

```
.background{ background-color: rgb(180,  
174, 153) }
```

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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