

Converting Colors

$Yxy(42.8977, 0.3304, 0.3365)$

Have a look what the booklet for
Yxy(42.8977, 0.3304, 0.3365)
contains.

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Color

Yxy(42.7342, 0.3297, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	BAACA7
RGB	186, 172, 167
RGB Percent	73%, 67%, 65%
CMY	0.2707, 0.3254, 0.3451
CMYK	0.00, 0.07, 0.10, 0.27
HSL	16°, 12%, 69%
HSV	16°, 10%, 73%
XYZ	41.9704, 42.7342, 42.5942
YIQ	175.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

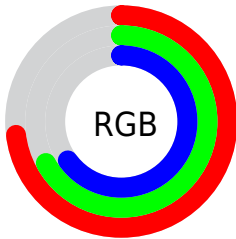
Format	Color
RYB	186, 174, 167
Decimal	12233895
CIELab	71.37, 4.14, 4.37
CIELCh	71, 6.019, 46.602
Yxy	42.7342, 0.3297, 0.3357
Android (android.graphics.Color)	4290423975 (0xFFBAACA7)
YUV	175.6160, -4.2477, 9.1068
Hunter-Lab	65.3714, 0.2024, 7.1283

Details

The Yxy color **42.7342, 0.3297, 0.3357** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7843, 0.2972, 0.3222**, and the grayscale version is **43.2232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0893, 0.3265, 0.3342**, and **19.6573, 0.3352, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **37.1559, 0.3496, 0.3427**, and if you desaturate by 10%, it is **48.9508, 0.3130, 0.3291**.

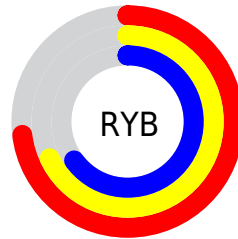
Distribution



Red (73%)

Green (67%)

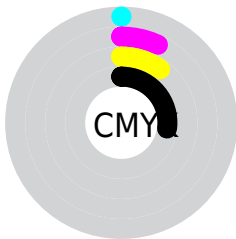
Blue (65%)



Red (73%)

Yellow (68%)

Blue (65%)

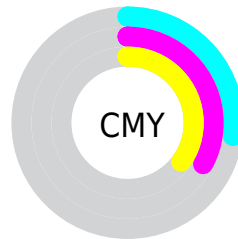


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7342, 0.3297, 0.3357 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 42.7342, 0.3297, 0.3357 by changing the saturation by 10% instead.


 42.7342, 0.3297,
0.3357

 42.7342, 0.3297,
0.3357


357.5175, 0.3211,
0.3324

 29.6766, 0.3319,
0.3365


 79.3096, 0.3265,
0.3345

 19.5933, 0.3348,
0.3376


 103.5962, 0.3253,
0.3340

 12.0997, 0.3387,
0.3390


132.3946, 0.3243,
0.3336

 6.8116, 0.3442,
0.3410

166.0892, 0.3235,
0.3333

 3.3446, 0.3527,
0.3439

205.0644, 0.3228,
0.3330

 1.3142, 0.3676,
0.3488

249.7046, 0.3221,

 0.1521, 0.6175,

0.3328

300.3942, 0.3216,
0.3326

0.3825

0.0000, 0.0000,
0.0000

42.7342, 0.3297,
0.3357

42.7342, 0.3297,
0.3357

37.1559, 0.3496,
0.3427

48.9508, 0.3130,
0.3291

32.1901, 0.3733,
0.3500

55.8196, 0.2990,
0.3231

27.8172, 0.4011,
0.3572

63.3609, 0.2873,
0.3175

24.0144, 0.4333,
0.3638

71.5925, 0.2774,
0.3124

20.7577, 0.4692,
0.3690

80.2066, 0.2715,
0.3131

■ 18.0210, 0.5075,
0.3718

■ 88.5818, 0.2730,
0.3279

■ 15.7760, 0.5452,
0.3711

■ 89.1746, 0.2731,
0.3289

■ 13.9915, 0.5785,
0.3661

■ 12.6489, 0.6045,
0.3582

Harmonies

Analogous

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



42.7342, 0.3265, 0.3282



42.7342, 0.3297, 0.3357



42.7342, 0.3283, 0.3416

Triad

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



42.7342, 0.3297, 0.3357



42.7342, 0.3058, 0.3372



42.7342, 0.3028, 0.3142

Complementary

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



42.7342, 0.3297, 0.3357



44.7843, 0.2972, 0.3222

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.



42.7342, 0.2974, 0.3164



42.7342, 0.3297, 0.3357



42.7342, 0.2991, 0.3296

Square

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



42.7342, 0.3297, 0.3357



42.7342, 0.3144, 0.3425



42.7342, 0.2960, 0.3220



42.7342, 0.3109, 0.3160

Rectangle

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



42.7342, 0.3297, 0.3357



42.7342, 0.3249, 0.3437



42.7342, 0.2960, 0.3220



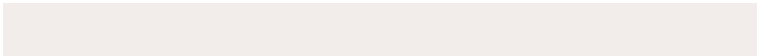
42.7342, 0.3006, 0.3145

Sweetspot

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



42.7361, 0.3297, 0.3357



85.4324, 0.3175, 0.3310



41.4167, 0.3179, 0.3104



18.6091, 0.3188, 0.3315



95.5105, 0.3127, 0.3290



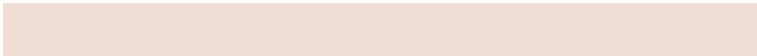
19.5994, 0.3127, 0.3290

Same Dimension

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



42.7361, 0.3297, 0.3357



75.3805, 0.3334, 0.3371



46.3628, 0.3284, 0.3477



9.3885, 0.3281, 0.3351



8.6203, 0.6023, 0.3600



0.4087, 0.5504, 0.4011

Inverse Universe

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



44.7843, 0.2972, 0.3222



79.7623, 0.2942, 0.3208



41.1650, 0.2971, 0.3096



9.7976, 0.2985, 0.3228



14.5072, 0.2006, 0.2420



0.6068, 0.2075, 0.2670

Previews

White Background



This preview shows how the Yxy color 42.7342, 0.3297, 0.3357 looks on a white background.

Color Contrast Check

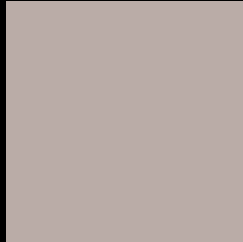
Large Text (above 18pt) WCAG AA × Fail

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 42.7342, 0.3297, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

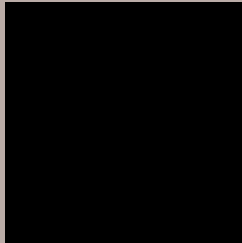
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7342, 0.3297, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 42.7342, 0.3297, 0.3357.



This preview shows how white text looks on a background with the Yxy color 42.7342, 0.3297, 0.3357.

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

42.7342, 0.3297, 0.3357

Protanopia

42.6830, 0.3222, 0.3371

Deuteranopia

42.6724, 0.3368, 0.3304



Tritanopia

42.8597, 0.3180, 0.3122

Trichromacy



Original Color

42.7342, 0.3297, 0.3357

Protanomaly

42.6594, 0.3251, 0.3357

Deuteranomaly

42.6530, 0.3338, 0.3317

Tritanomaly

42.8649, 0.3221, 0.3212

Monochromacy



Original Color

42.7342, 0.3297, 0.3357

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3804, 0.3188, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7342, 0.3297, 0.3357 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 167) }
```

Border

The CSS property to change the border of an element to Yxy 42.7342, 0.3297, 0.3357 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, 167) }
```

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

```
.border{ border-color:rgb(186, 172, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7342, 0.3297, 0.3357 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, 167) }
```

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

```
.background{ background-color: rgb(186,  
172, 167) }
```

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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