

Converting Colors

$Y_{xy}(42.4006, 0.3273, 0.3341)$

Have a look what the booklet for
Yxy(42.4006, 0.3273, 0.3341)
contains.

Yxy(42.5225, 0.3270, 0.3344)	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(42.5225, 0.3270, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	B8ACA8
RGB	184, 172, 168
RGB Percent	72%, 67%, 66%
CMY	0.2785, 0.3254, 0.3412
CMYK	0.00, 0.06, 0.09, 0.28
HSL	15°, 10%, 69%
HSV	15°, 9%, 72%
XYZ	41.5815, 42.5225, 43.0566
YIQ	175.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

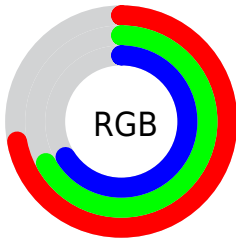
Format	Color
RYB	184, 173, 168
Decimal	12102824
CIELab	71.23, 3.58, 3.60
CIELCh	71, 5.074, 45.144
Yxy	42.5225, 0.3270, 0.3344
Android (android.graphics.Color)	4290292904 (0xFFB8ACA8)
YUV	175.1320, -3.5161, 7.7772
Hunter-Lab	65.2093, -0.2935, 6.4983

Details

The Yxy color $42.5225, 0.3270, 0.3344$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.4044, 0.2995, 0.3235$, and the grayscale version is $42.9558, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7911, 0.3244, 0.3332$, and $19.5192, 0.3314, 0.3364$ is the 20% darker color. If you saturate the color by 10%, you get $36.9151, 0.3464, 0.3410$, and if you desaturate by 10%, it is $48.7733, 0.3107, 0.3282$.

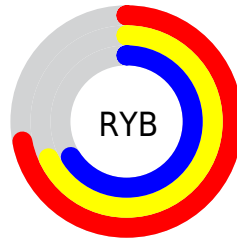
Distribution



Red (72%)

Green (67%)

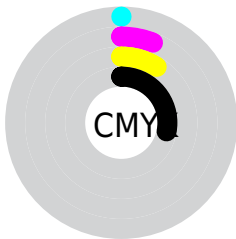
Blue (66%)



Red (72%)

Yellow (68%)

Blue (66%)

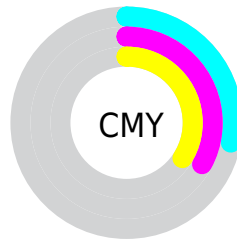


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5225, 0.3270, 0.3344 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 42.5225, 0.3270, 0.3344 by changing the saturation by 10% instead.


 42.5225, 0.3270,
0.3344


 42.5225, 0.3270,
0.3344

356.6444, 0.3197,
0.3317

 29.5106, 0.3289,
0.3351


 78.9898, 0.3243,
0.3334

 19.4674, 0.3313,
0.3359


 103.2140, 0.3233,
0.3331

 12.0085, 0.3346,
0.3371


131.9445, 0.3225,
0.3327

 6.7495, 0.3392,
0.3387

165.5656, 0.3218,
0.3325

 3.3059, 0.3464,
0.3411

204.4618, 0.3212,
0.3322

 1.2935, 0.3590,
0.3451

249.0173, 0.3206,

 0.1361, 0.6142,

0.3320

0.3858

299.6167, 0.3201,
0.3319

0.0000, 0.0000,
0.0000

42.5225, 0.3270,
0.3344

42.5225, 0.3270,
0.3344

36.9151, 0.3464,
0.3410

48.7733, 0.3107,
0.3282

31.9251, 0.3696,
0.3479

55.6815, 0.2971,
0.3225

27.5327, 0.3970,
0.3548

63.2677, 0.2857,
0.3173

23.7151, 0.4289,
0.3612

71.5497, 0.2761,
0.3126

20.4479, 0.4648,
0.3664

80.2202, 0.2705,
0.3135

■ 17.7049, 0.5033,
0.3694

■ 88.6718, 0.2720,
0.3285

■ 15.4577, 0.5419,
0.3691

■ 88.9268, 0.2721,
0.3289

■ 13.6749, 0.5765,
0.3648

■ 12.3173, 0.6039,
0.3570

Harmonies

Analogous

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



42.5225, 0.3241, 0.3280



42.5225, 0.3270, 0.3344



42.5225, 0.3260, 0.3394

Triad

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



42.5225, 0.3270, 0.3344



42.5225, 0.3072, 0.3362



42.5225, 0.3040, 0.3165

Complementary

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



42.5225, 0.3270, 0.3344



44.4044, 0.2995, 0.3235

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.



42.5225, 0.2996, 0.3185



42.5225, 0.3270, 0.3344



42.5225, 0.3014, 0.3298

Square

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



42.5225, 0.3270, 0.3344



42.5225, 0.3145, 0.3406



42.5225, 0.2987, 0.3234



42.5225, 0.3108, 0.3178

Rectangle

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



42.5225, 0.3270, 0.3344



42.5225, 0.3232, 0.3413



42.5225, 0.2987, 0.3234



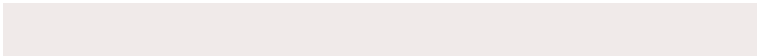
42.5225, 0.3022, 0.3168

Sweetspot

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



42.5244, 0.3270, 0.3344



83.3559, 0.3175, 0.3309



41.4829, 0.3171, 0.3132



17.7730, 0.3188, 0.3314



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.



42.5244, 0.3270, 0.3344



75.5353, 0.3297, 0.3354



45.6465, 0.3259, 0.3448



9.3700, 0.3282, 0.3348



8.4855, 0.6051, 0.3577



0.4009, 0.5537, 0.3986

Inverse Universe

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



44.4044, 0.2995, 0.3235



79.4855, 0.2973, 0.3226



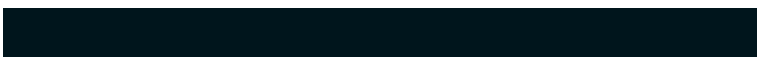
41.2829, 0.2995, 0.3126



9.8173, 0.2985, 0.3231



14.9631, 0.2018, 0.2465



0.6199, 0.2084, 0.2702

Previews

White Background



This preview shows how the Yxy color 42.5225, 0.3270, 0.3344 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 42.5225, 0.3270, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

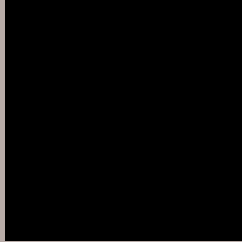
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5225, 0.3270, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 42.5225, 0.3270, 0.3344.



This preview shows how white text looks on a background with the Yxy color 42.5225, 0.3270, 0.3344.

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

42.5225, 0.3270, 0.3344

Protanopia

42.7204, 0.3214, 0.3358

Deuteranopia

42.5780, 0.3350, 0.3291



Tritanopia

42.6075, 0.3162, 0.3121

Trichromacy



Original Color

42.5225, 0.3270, 0.3344

Protanomaly

42.5755, 0.3233, 0.3344

Deuteranomaly

42.5612, 0.3320, 0.3304

Tritanomaly

42.6545, 0.3195, 0.3198

Monochromacy



Original Color

42.5225, 0.3270, 0.3344

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7156, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5225, 0.3270, 0.3344 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(184, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 168)  
}
```

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(184, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 168) }
```

Border

The CSS property to change the border of an element to Yxy 42.5225, 0.3270, 0.3344 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(184, 172, 168) }
```

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

```
.border{ border-color:rgb(184, 172, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5225, 0.3270, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 168) }
```

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

```
.background{ background-color: rgb(184,  
172, 168) }
```

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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