

Converting Colors

$Y_{xy}(42.0209, 0.3275, 0.3245)$

Have a look what the booklet for
Yxy(42.0209, 0.3275, 0.3245)
contains.

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Color

Yxy(42.0459, 0.3276, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9AC
RGB	188, 169, 172
RGB Percent	74%, 66%, 67%
CMY	0.2628, 0.3372, 0.3254
CMYK	0.00, 0.10, 0.08, 0.26
HSL	351°, 12%, 70%
HSV	351°, 10%, 74%
XYZ	42.3692, 42.0459, 44.9171
YIQ	175.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

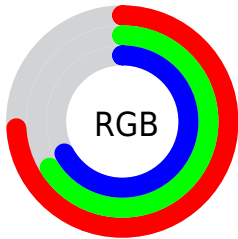
Format	Color
RYB	188, 169, 172
Decimal	12364204
CIELab	70.90, 7.37, 0.95
CIELCh	71, 7.432, 7.331
Yxy	42.0459, 0.3276, 0.3251
Android (android.graphics.Color)	4290554284 (0xFFBCA9AC)
YUV	175.0230, -1.4903, 11.3808
Hunter-Lab	64.8428, 3.1596, 4.3194

Details

The Yxy color **42.0459, 0.3276, 0.3251** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.8935, 0.2996, 0.3329**, and the grayscale version is **42.8859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0905, 0.3249, 0.3260**, and **19.2295, 0.3323, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **34.9762, 0.3459, 0.3210**, and if you desaturate by 10%, it is **50.1973, 0.3128, 0.3290**.

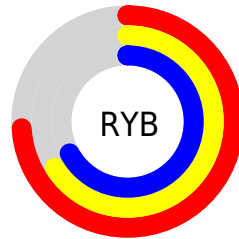
Distribution



Red (74%)

Green (66%)

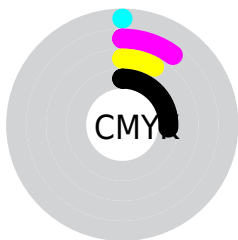
Blue (67%)



Red (74%)

Yellow (66%)

Blue (67%)

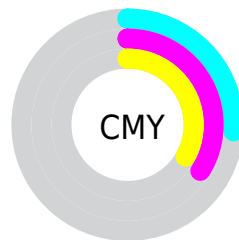


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0459, 0.3276, 0.3251 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 42.0459, 0.3276, 0.3251 by changing the saturation by 10% instead.


 42.0459, 0.3276,
0.3251

 42.0459, 0.3276,
0.3251

354.6732, 0.3200,
0.3271

 29.1372, 0.3295,
0.3246


 78.2691, 0.3248,
0.3258

 19.1847, 0.3321,
0.3239


 102.3524, 0.3238,
0.3261

 11.8038, 0.3355,
0.3230

130.9294, 0.3229,
0.3264

 6.6102, 0.3404,
0.3216

164.3844, 0.3222,
0.3266

 3.2196, 0.3479,
0.3195

203.1019, 0.3215,
0.3267

 1.2474, 0.3611,
0.3158

247.4663, 0.3210,

 0.0999, 0.6587,

0.3269

0.2394

297.8619, 0.3205,
0.3270

0.0000, 0.0000,
0.0000

42.0459, 0.3276,
0.3251

42.0459, 0.3276,
0.3251

34.9762, 0.3459,
0.3210

50.1973, 0.3128,
0.3290

28.9373, 0.3685,
0.3167

59.4672, 0.3009,
0.3325

23.8826, 0.3961,
0.3126

69.8979, 0.2912,
0.3358

19.7599, 0.4293,
0.3089

81.5276, 0.2833,
0.3387

16.5120, 0.4678,
0.3062

89.1818, 0.2760,
0.3330

■ 14.0752, 0.5099,
0.3054

■ 89.4281, 0.2741,
0.3289

■ 12.3776, 0.5523,
0.3072

■ 11.3341, 0.5897,
0.3117

■ 10.7804, 0.6179,
0.3177

Harmonies

Analogous

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



42.0459, 0.3180, 0.3168



42.0459, 0.3276, 0.3251



42.0459, 0.3332, 0.3345

Triad

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



42.0459, 0.3276, 0.3251



42.0459, 0.3181, 0.3470



42.0459, 0.2926, 0.3150

Complementary

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



42.0459, 0.3276, 0.3251



47.8935, 0.2996, 0.3329

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.



42.0459, 0.2927, 0.3230



42.0459, 0.3276, 0.3251



42.0459, 0.3072, 0.3417

Square

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



42.0459, 0.3276, 0.3251



42.0459, 0.3276, 0.3473



42.0459, 0.2980, 0.3328



42.0459, 0.2979, 0.3110

Rectangle

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



42.0459, 0.3276, 0.3251



42.0459, 0.3339, 0.3402



42.0459, 0.2980, 0.3328



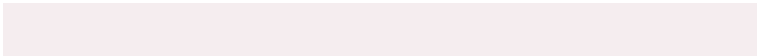
42.0459, 0.2920, 0.3173

Sweetspot

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



42.0478, 0.3276, 0.3251



86.4187, 0.3169, 0.3279



42.3016, 0.3110, 0.3044



18.3218, 0.3180, 0.3275



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.



42.0478, 0.3276, 0.3251



73.3646, 0.3311, 0.3243



44.3429, 0.3293, 0.3373



9.5603, 0.3264, 0.3254



7.3494, 0.6154, 0.3164



0.2957, 0.5569, 0.2841

Inverse Universe

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



42.0478, 0.3276, 0.3251



73.3646, 0.3311, 0.3243



45.3803, 0.2973, 0.3205



9.5603, 0.3264, 0.3254



7.3494, 0.6154, 0.3164



0.2957, 0.5569, 0.2841

Previews

White Background



This preview shows how the Yxy color 42.0459, 0.3276, 0.3251 looks on a white background.

Color Contrast Check

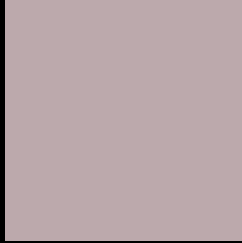
Large Text (above 18pt) WCAG AA × Fail

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 42.0459, 0.3276, 0.3251 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 42.0459, 0.3276, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 42.0459, 0.3276, 0.3251.



This preview shows how white text looks on a background with the Yxy color 42.0459, 0.3276, 0.3251.

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

42.0459, 0.3276, 0.3251

Protanopia

42.1732, 0.3146, 0.3277

Deuteranopia

42.0602, 0.3306, 0.3238



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

42.0459, 0.3276, 0.3251

Protanomaly

42.2255, 0.3191, 0.3277

Deuteranomaly

41.9310, 0.3296, 0.3238

Tritanomaly

42.0384, 0.3234, 0.3160

Monochromacy



Original Color

42.0459, 0.3276, 0.3251

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6464, 0.3181, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0459, 0.3276, 0.3251 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(188, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 172)  
}
```

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(188, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 172) }
```

Border

The CSS property to change the border of an element to Yxy 42.0459, 0.3276, 0.3251 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(188, 169, 172) }
```

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

```
.border{ border-color:rgb(188, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0459, 0.3276, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 172) }
```

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

```
.background{ background-color: rgb(188,  
169, 172) }
```

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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