

Converting Colors

$Y_{xy}(41.5295, 0.3339, 0.3273)$

Have a look what the booklet for
Yxy(41.5295, 0.3339, 0.3273)
contains.

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Color

Yxy(41.5410, 0.3343, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	BFA7A8
RGB	191, 167, 168
RGB Percent	75%, 65%, 66%
CMY	0.2511, 0.3450, 0.3413
CMYK	0.00, 0.13, 0.12, 0.25
HSL	358°, 16%, 70%
HSV	358°, 13%, 75%
XYZ	42.3647, 41.5410, 42.8209
YIQ	174.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

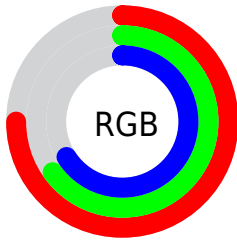
Format	Color
RYB	191, 167, 168
Decimal	12560296
CIELab	70.55, 8.86, 2.70
CIELCh	71, 9.265, 16.938
Yxy	41.5410, 0.3343, 0.3278
Android (android.graphics.Color)	4290750376 (0xFFBFA7A8)
YUV	174.2900, -3.1010, 14.6547
Hunter-Lab	64.4523, 4.5371, 5.7254

Details

The Yxy color $41.5410, 0.3343, 0.3278$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.1829, 0.2945, 0.3302$, and the grayscale version is $42.4940, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5267, 0.3307, 0.3280$, and $18.8408, 0.3405, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $34.4182, 0.3564, 0.3268$, and if you desaturate by 10%, it is $49.7970, 0.3166, 0.3288$.

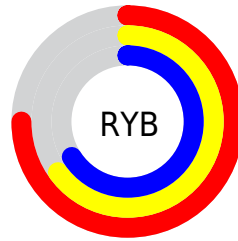
Distribution



Red (75%)

Green (65%)

Blue (66%)



Red (75%)

Yellow (65%)

Blue (66%)

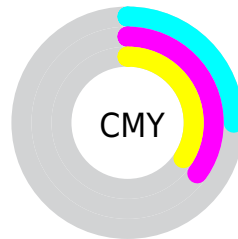


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5410, 0.3343, 0.3278 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 41.5410, 0.3343, 0.3278 by changing the saturation by 10% instead.


 41.5410, 0.3343,
0.3278

 41.5410, 0.3343,
0.3278


352.5767, 0.3233,
0.3285

 28.7421, 0.3371,
0.3276


 77.5045, 0.3302,
0.3281

 18.8858, 0.3408,
0.3273


 101.4378, 0.3287,
0.3282

 11.5878, 0.3459,
0.3269


129.8514, 0.3274,
0.3282

 6.4636, 0.3531,
0.3263

163.1296, 0.3264,
0.3283

 3.1290, 0.3643,
0.3252

201.6568, 0.3254,
0.3284

 1.1994, 0.3840,
0.3230

245.8175, 0.3246,

 0.0613, 0.8176,

0.3284

0.1824

295.9960, 0.3239,
0.3285

0.0000, 0.0000,
0.0000

41.5410, 0.3343,
0.3278

41.5410, 0.3343,
0.3278

34.4182, 0.3564,
0.3268

49.7970, 0.3166,
0.3288

28.3740, 0.3837,
0.3258

59.2268, 0.3024,
0.3297

23.3575, 0.4173,
0.3248

69.8758, 0.2910,
0.3305

19.3116, 0.4571,
0.3241

81.7852, 0.2817,
0.3312

16.1734, 0.5021,
0.3238

89.8122, 0.2757,
0.3289

■ 13.8729, 0.5487,
0.3241

■ 12.3299, 0.5910,
0.3252

■ 11.4483, 0.6220,
0.3270

■ 11.0890, 0.6360,
0.3277

Harmonies

Analogous

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



41.5410, 0.3235, 0.3168



41.5410, 0.3343, 0.3278



41.5410, 0.3392, 0.3393

Triad

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



41.5410, 0.3343, 0.3278



41.5410, 0.3150, 0.3502



41.5410, 0.2891, 0.3093

Complementary

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



41.5410, 0.3343, 0.3278



49.1829, 0.2945, 0.3302

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.



41.5410, 0.2869, 0.3178



41.5410, 0.3343, 0.3278



41.5410, 0.3017, 0.3417

Square

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



41.5410, 0.3343, 0.3278



41.5410, 0.3279, 0.3526



41.5410, 0.2915, 0.3297



41.5410, 0.2974, 0.3062

Rectangle

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



41.5410, 0.3343, 0.3278



41.5410, 0.3384, 0.3459



41.5410, 0.2915, 0.3297



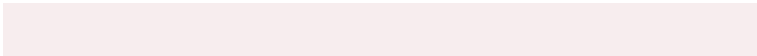
41.5410, 0.2876, 0.3116

Sweetspot

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



41.5428, 0.3343, 0.3278



86.8350, 0.3191, 0.3286



42.3220, 0.3131, 0.2984



18.8099, 0.3203, 0.3286



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.5428, 0.3343, 0.3278



70.7936, 0.3398, 0.3275



45.6224, 0.3334, 0.3430



9.5424, 0.3282, 0.3281



7.2932, 0.6350, 0.3272



0.2878, 0.6159, 0.3166

Inverse Universe

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



41.5428, 0.3343, 0.3278



70.7936, 0.3398, 0.3275



44.6972, 0.2935, 0.3146



9.5424, 0.3282, 0.3281



7.2932, 0.6350, 0.3272



0.2878, 0.6159, 0.3166

Previews

White Background



This preview shows how the Yxy color 41.5410, 0.3343, 0.3278 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 41.5410, 0.3343, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

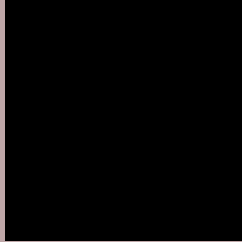
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5410, 0.3343, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 41.5410, 0.3343, 0.3278.



This preview shows how white text looks on a background with the Yxy color 41.5410, 0.3343, 0.3278.

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

41.5410, 0.3343, 0.3278

Protanopia

41.6754, 0.3172, 0.3304

Deuteranopia

41.5410, 0.3343, 0.3278



Tritanopia

41.3311, 0.3266, 0.3122

Trichromacy



Original Color

41.5410, 0.3343, 0.3278

Protanomaly

41.4755, 0.3228, 0.3290

Deuteranomaly

41.5410, 0.3343, 0.3278

Tritanomaly

41.5349, 0.3300, 0.3187

Monochromacy



Original Color

41.5410, 0.3343, 0.3278

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8077, 0.3200, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5410, 0.3343, 0.3278 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(191, 167, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 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(191, 167, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 168) }
```

Border

The CSS property to change the border of an element to Yxy 41.5410, 0.3343, 0.3278 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(191, 167, 168) }
```

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

```
.border{ border-color:rgb(191, 167, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 167, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 167, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 167, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 167,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5410, 0.3343, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 168) }
```

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

```
.background{ background-color: rgb(191,  
167, 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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