

Converting Colors

$Y_{xy}(42.7325, 0.3208, 0.3202)$

Have a look what the booklet for
Yxy(42.7325, 0.3208, 0.3202)
contains.

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Color

Yxy(42.7793, 0.3204, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	BAABB2
RGB	186, 171, 178
RGB Percent	73%, 67%, 70%
CMY	0.2706, 0.3294, 0.3021
CMYK	0.00, 0.08, 0.04, 0.27
HSL	332°, 10%, 70%
HSV	332°, 8%, 73%
XYZ	42.8462, 42.7793, 48.1016
YIQ	176.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

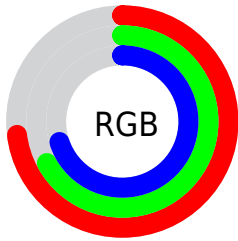
Format	Color
R _Y B	186, 171, 178
Decimal	12233650
CIE Lab	71.40, 6.63, -1.62
CIE LCh	71, 6.829, 346.242
Yxy	42.7793, 0.3204, 0.3199
Android (android.graphics.Color)	4290423730 (0xFFBAABB2)
YUV	176.2830, 0.8465, 8.5218
Hunter-Lab	65.4059, 2.4717, 2.1803

Details

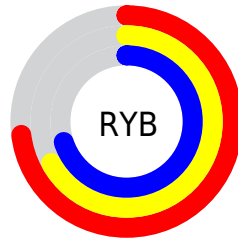
The Yxy color **42.7793, 0.3204, 0.3199** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.0339, 0.3056, 0.3383**, and the grayscale version is **43.5645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2105, 0.3187, 0.3209**, and **19.6609, 0.3233, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **35.8556, 0.3317, 0.3080**, and if you desaturate by 10%, it is **50.7246, 0.3110, 0.3311**.

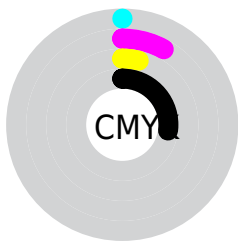
Distribution



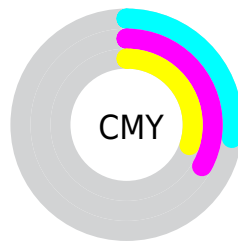
- Red (73%)
- Green (67%)
- Blue (70%)



- Red (73%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7793, 0.3204, 0.3199 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 42.7793, 0.3204, 0.3199 by changing the saturation by 10% instead.

■ 42.7793, 0.3204,
0.3199

■ 42.7793, 0.3204,
0.3199

357.7034, 0.3165,
0.3245

■ 29.7120, 0.3214,
0.3187

■ 79.3777, 0.3190,
0.3216

■ 19.6201, 0.3227,
0.3172

103.6776, 0.3185,
0.3222

■ 12.1192, 0.3244,
0.3152

132.4905, 0.3180,
0.3227

■ 6.8249, 0.3268,
0.3124

166.2007, 0.3176,
0.3232

■ 3.3528, 0.3305,
0.3081

205.1927, 0.3173,
0.3236

■ 1.3186, 0.3368,
0.3008

249.8509, 0.3170,

■ 0.1555, 0.4140,

0.3239

0.2079

300.5597, 0.3167,
0.3242

■ 0.0000, 0.0000,
0.0000

■ 42.7793, 0.3204,
0.3199

■ 42.7793, 0.3204,
0.3199

■ 35.8556, 0.3317,
0.3080

■ 50.7246, 0.3110,
0.3311

■ 29.9063, 0.3453,
0.2957

■ 59.7252, 0.3033,
0.3416

■ 24.8886, 0.3616,
0.2834

■ 69.8200, 0.2969,
0.3512

■ 20.7544, 0.3807,
0.2717

■ 81.0446, 0.2917,
0.3600

■ 17.4514, 0.4027,
0.2614

■ 87.5493, 0.2868,
0.3588

■ 14.9216, 0.4272,
0.2538

■ 88.1182, 0.2817,
0.3476

■ 13.0992, 0.4535,
0.2501

■ 88.7194, 0.2767,
0.3367

■ 11.9077, 0.4803,
0.2513

■ 89.1794, 0.2731,
0.3289

■ 11.2270, 0.5062,
0.2576

Harmonies

Analogous

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



42.7793, 0.3105, 0.3142



42.7793, 0.3204, 0.3199



42.7793, 0.3283, 0.3280

Triad

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



42.7793, 0.3204, 0.3199



42.7793, 0.3240, 0.3462



42.7793, 0.2938, 0.3211

Complementary

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



42.7793, 0.3204, 0.3199



47.0339, 0.3056, 0.3383

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.



42.7793, 0.2974, 0.3298



42.7793, 0.3204, 0.3199



42.7793, 0.3147, 0.3444

Square

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



42.7793, 0.3204, 0.3199



42.7793, 0.3304, 0.3432



42.7793, 0.3049, 0.3384



42.7793, 0.2953, 0.3147

Rectangle

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



42.7793, 0.3204, 0.3199



42.7793, 0.3313, 0.3337



42.7793, 0.3049, 0.3384



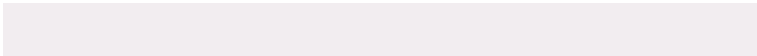
42.7793, 0.2945, 0.3238

Sweetspot

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



42.7812, 0.3204, 0.3199



85.9954, 0.3145, 0.3268



42.2582, 0.3074, 0.3092



18.9709, 0.3144, 0.3269



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.



42.7812, 0.3204, 0.3199



74.7496, 0.3226, 0.3175



42.6978, 0.3263, 0.3297



9.0797, 0.3217, 0.3184



7.4938, 0.5081, 0.2573



0.2767, 0.4476, 0.2239

Inverse Universe

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



42.7812, 0.3204, 0.3199



74.7496, 0.3226, 0.3175



47.1126, 0.3004, 0.3283



9.0797, 0.3217, 0.3184



7.4938, 0.5081, 0.2573



0.2767, 0.4476, 0.2239

Previews

White Background



This preview shows how the Yxy color 42.7793, 0.3204, 0.3199 looks on a white background.

Color Contrast Check

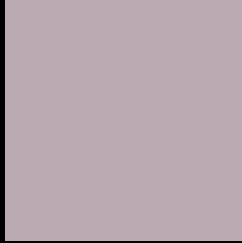
Large Text (above 18pt) WCAG AA × Fail

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 42.7793, 0.3204, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

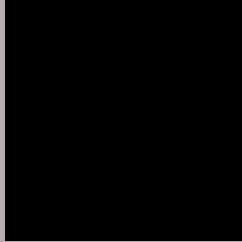
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7793, 0.3204, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 42.7793, 0.3204, 0.3199.



This preview shows how white text looks on a background with the Yxy color 42.7793, 0.3204, 0.3199.

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

42.7793, 0.3204, 0.3199

Protanopia

42.9145, 0.3104, 0.3210

Deuteranopia

42.5374, 0.3242, 0.3174



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.7793, 0.3204, 0.3199

Protanomaly

42.8451, 0.3140, 0.3210

Deuteranomaly

42.7826, 0.3232, 0.3186

Tritanomaly

42.6504, 0.3188, 0.3147

Monochromacy



Original Color

42.7793, 0.3204, 0.3199

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1497, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7793, 0.3204, 0.3199 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, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 178)  
}
```

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, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 178) }
```

Border

The CSS property to change the border of an element to Yxy 42.7793, 0.3204, 0.3199 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, 171, 178) }
```

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

```
.border{ border-color:rgb(186, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7793, 0.3204, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 178) }
```

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

```
.background{ background-color: rgb(186,  
171, 178) }
```

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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