

Converting Colors

$Yxy(42.1893, 0.3189, 0.3217)$

Have a look what the booklet for
Yxy(42.1893, 0.3189, 0.3217)
contains.

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Color

Yxy(42.3277, 0.3194, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	B7ABB0
RGB	183, 171, 176
RGB Percent	72%, 67%, 69%
CMY	0.2822, 0.3294, 0.3098
CMYK	0.00, 0.07, 0.04, 0.28
HSL	335°, 8%, 69%
HSV	335°, 7%, 72%
XYZ	41.9338, 42.3277, 47.0279
YIQ	175.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

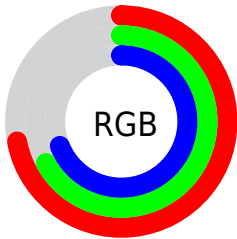
Format	Color
RYB	183, 171, 176
Decimal	12037040
CIELab	71.10, 5.22, -1.01
CIElCh	71, 5.321, 349.010
Yxy	42.3277, 0.3194, 0.3224
Android (android.graphics.Color)	4290227120 (0xFFB7ABB0)
YUV	175.1580, 0.4151, 6.8774
Hunter-Lab	65.0597, 1.1965, 2.6846

Details

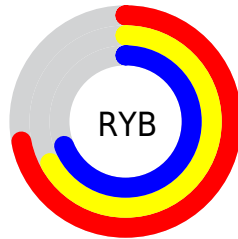
The Yxy color $42.3277, 0.3194, 0.3224$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.7570, 0.3065, 0.3357$, and the grayscale version is $42.9544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5696, 0.3179, 0.3229$, and $19.3947, 0.3207, 0.3199$ is the 20% darker color. If you saturate the color by 10%, you get $35.4796, 0.3313, 0.3119$, and if you desaturate by 10%, it is $50.1705, 0.3096, 0.3323$.

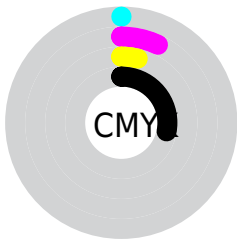
Distribution



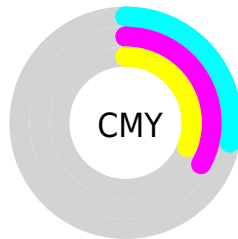
- Red (72%)
- Green (67%)
- Blue (69%)



- Red (72%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3277, 0.3194, 0.3224 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 42.3277, 0.3194, 0.3224 by changing the saturation by 10% instead.

■ 42.3277, 0.3194,
0.3224

■ 42.3277, 0.3194,
0.3224

355.8396, 0.3160,
0.3258

■ 29.3580, 0.3203,
0.3215

■ 78.6953, 0.3182,
0.3236

■ 19.3518, 0.3214,
0.3204

102.8621, 0.3177,
0.3241

■ 11.9247, 0.3229,
0.3190

131.5299, 0.3173,
0.3245

■ 6.6925, 0.3250,
0.3169

165.0832, 0.3170,
0.3248

■ 3.2705, 0.3283,
0.3137

203.9065, 0.3167,
0.3251

■ 1.2745, 0.3340,
0.3082

248.3840, 0.3164,

■ 0.1214, 0.4281,

0.3253

0.2139

298.9003, 0.3162,
0.3256

0.0000, 0.0000,
0.0000

42.3277, 0.3194,
0.3224

42.3277, 0.3194,
0.3224

35.4796, 0.3313,
0.3119

50.1705, 0.3096,
0.3323

29.5809, 0.3458,
0.3009

59.0400, 0.3015,
0.3415

24.5906, 0.3632,
0.2898

68.9738, 0.2948,
0.3500

20.4631, 0.3837,
0.2792

80.0057, 0.2894,
0.3577

17.1483, 0.4077,
0.2698

87.2805, 0.2843,
0.3569

■ 14.5911, 0.4346,
0.2629

■ 87.8996, 0.2789,
0.3449

■ 12.7296, 0.4638,
0.2596

■ 88.5562, 0.2736,
0.3332

■ 11.4918, 0.4936,
0.2610

■ 88.8123, 0.2716,
0.3289

■ 10.7809, 0.5221,
0.2675

Harmonies

Analogous

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



42.3277, 0.3117, 0.3177



42.3277, 0.3194, 0.3224



42.3277, 0.3253, 0.3289

Triad

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



42.3277, 0.3194, 0.3224



42.3277, 0.3210, 0.3424



42.3277, 0.2979, 0.3223

Complementary

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



42.3277, 0.3194, 0.3224



45.7570, 0.3065, 0.3357

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.



42.3277, 0.3003, 0.3290



42.3277, 0.3194, 0.3224



42.3277, 0.3136, 0.3407

Square

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



42.3277, 0.3194, 0.3224



42.3277, 0.3262, 0.3404



42.3277, 0.3060, 0.3358



42.3277, 0.2994, 0.3175

Rectangle

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



42.3277, 0.3194, 0.3224



42.3277, 0.3274, 0.3334



42.3277, 0.3060, 0.3358



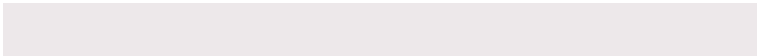
42.3277, 0.2982, 0.3244

Sweetspot

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



42.3295, 0.3194, 0.3224



81.9350, 0.3147, 0.3270



42.0111, 0.3090, 0.3130



18.1294, 0.3146, 0.3271



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.



42.3295, 0.3194, 0.3224



73.7590, 0.3211, 0.3208



42.5161, 0.3236, 0.3304



9.0723, 0.3225, 0.3196



7.3991, 0.5286, 0.2686



0.2732, 0.4622, 0.2320

Inverse Universe

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



42.3295, 0.3194, 0.3224



73.7590, 0.3211, 0.3208



45.5486, 0.3027, 0.3276



9.0723, 0.3225, 0.3196



7.3991, 0.5286, 0.2686



0.2732, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 42.3277, 0.3194, 0.3224 looks on a white background.

Color Contrast Check

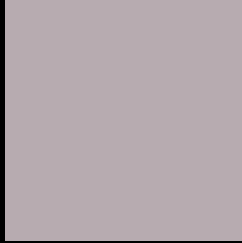
Large Text (above 18pt) WCAG AA × Fail

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 42.3277, 0.3194, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

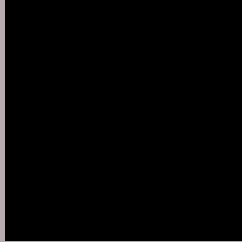
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

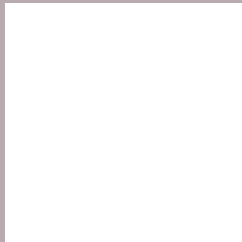
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3277, 0.3194, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 42.3277, 0.3194, 0.3224.



This preview shows how white text looks on a background with the Yxy color 42.3277, 0.3194, 0.3224.

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

42.3277, 0.3194, 0.3224

Protanopia

42.2916, 0.3121, 0.3236

Deuteranopia

42.4577, 0.3260, 0.3199



Tritanopia

42.3587, 0.3144, 0.3120

Trichromacy



Original Color

42.3277, 0.3194, 0.3224

Protanomaly

42.2631, 0.3148, 0.3223

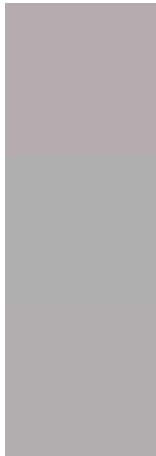
Deuteranomaly

42.4488, 0.3231, 0.3212

Tritanomaly

42.2351, 0.3169, 0.3159

Monochromacy



Original Color

42.3277, 0.3194, 0.3224

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8322, 0.3154, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3277, 0.3194, 0.3224 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(183, 171, 176)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 176)  
}
```

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(183, 171, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.3277, 0.3194, 0.3224 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(183, 171, 176) }
```

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

```
.border{ border-color:rgb(183, 171, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 176);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3277, 0.3194, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 176) }
```

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

```
.background{ background-color: rgb(183,  
171, 176) }
```

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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