

Converting Colors

$Y_{xy}(45.7673, 0.3252, 0.3271)$

Have a look what the booklet for
Yxy(45.7673, 0.3252, 0.3271)
contains.

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Color

Yxy(45.8651, 0.3251, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C0B1B2
RGB	192, 177, 178
RGB Percent	75%, 69%, 70%
CMY	0.2472, 0.3058, 0.3020
CMYK	0.00, 0.08, 0.07, 0.25
HSL	356°, 11%, 72%
HSV	356°, 8%, 75%
XYZ	45.4873, 45.8651, 48.5655
YIQ	181.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

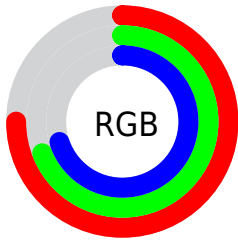
Format	Color
RYB	192, 177, 178
Decimal	12628402
CIELab	73.46, 5.51, 1.43
CIELCh	73, 5.687, 14.537
Yxy	45.8651, 0.3251, 0.3278
Android (android.graphics.Color)	4290818482 (0xFFC0B1B2)
YUV	181.5990, -1.7743, 9.1217
Hunter-Lab	67.7238, 1.3746, 4.8891

Details

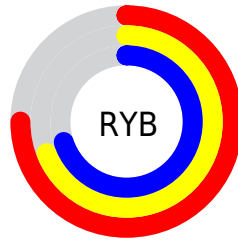
The Yxy color `45.8651, 0.3251, 0.3278` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.7931, 0.3015, 0.3302`, and the grayscale version is `46.5542, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.1748, 0.3223, 0.3280`, and `21.2992, 0.3287, 0.3273` is the 20% darker color. If you saturate the color by 10%, you get `38.1339, 0.3445, 0.3262`, and if you desaturate by 10%, it is `54.7615, 0.3096, 0.3293`.

Distribution



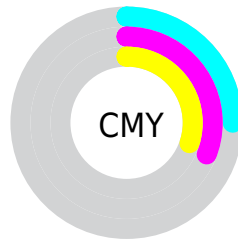
- Red (75%)
- Green (69%)
- Blue (70%)



- Red (75%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (25%)





- Cyan (25%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8651, 0.3251, 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 45.8651, 0.3251, 0.3278 by changing the saturation by 10% instead.


 45.8651, 0.3251,
0.3278

 45.8651, 0.3251,
0.3278


370.2660, 0.3189,
0.3284

 32.1394, 0.3267,
0.3276


 84.0171, 0.3228,
0.3280

 21.4680, 0.3287,
0.3274


109.2121, 0.3220,
0.3281

 13.4665, 0.3314,
0.3271

138.9991, 0.3213,
0.3282

 7.7506, 0.3352,
0.3267

173.7623, 0.3207,
0.3283

 3.9358, 0.3409,
0.3260

213.8862, 0.3201,
0.3283

 1.6377, 0.3506,
0.3248

259.7552, 0.3197,

 0.3828, 0.4159,

0.3284

0.3195

311.7537, 0.3192,
0.3284

0.0000, 0.0000,
0.0000

45.8651, 0.3251,
0.3278

45.8651, 0.3251,
0.3278

38.1339, 0.3445,
0.3262

54.7615, 0.3096,
0.3293

31.5139, 0.3686,
0.3245

64.8622, 0.2971,
0.3307

25.9560, 0.3983,
0.3228

76.2119, 0.2869,
0.3320

21.4047, 0.4342,
0.3214

88.8512, 0.2787,
0.3331

17.7999, 0.4759,
0.3204

89.9414, 0.2762,
0.3289

■ 15.0748, 0.5216,
0.3202

■ 13.1540, 0.5666,
0.3212

■ 11.9496, 0.6045,
0.3234

■ 11.3323, 0.6295,
0.3262

Harmonies

Analogous

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



45.8651, 0.3185, 0.3212



45.8651, 0.3251, 0.3278



45.8651, 0.3283, 0.3348

Triad

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



45.8651, 0.3251, 0.3278



45.8651, 0.3148, 0.3417



45.8651, 0.2983, 0.3176

Complementary

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



45.8651, 0.3251, 0.3278



50.7931, 0.3015, 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.



45.8651, 0.2974, 0.3230



45.8651, 0.3251, 0.3278



45.8651, 0.3068, 0.3370

Square

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



45.8651, 0.3251, 0.3278



45.8651, 0.3223, 0.3429



45.8651, 0.3005, 0.3301



45.8651, 0.3031, 0.3154

Rectangle

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



45.8651, 0.3251, 0.3278



45.8651, 0.3281, 0.3387



45.8651, 0.3005, 0.3301



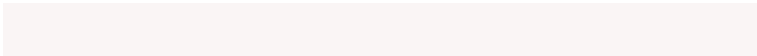
45.8651, 0.2976, 0.3191

Sweetspot

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



45.8671, 0.3251, 0.3278



92.1573, 0.3157, 0.3287



46.3279, 0.3127, 0.3102



19.8067, 0.3156, 0.3287



97.7402, 0.3127, 0.3290



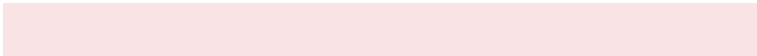
20.4902, 0.3127, 0.3290

Same Dimension

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



45.8671, 0.3251, 0.3278



81.1170, 0.3275, 0.3276



48.4477, 0.3251, 0.3373



10.0882, 0.3279, 0.3276



7.5635, 0.6321, 0.3256



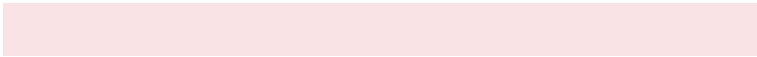
0.3305, 0.6042, 0.3102

Inverse Universe

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



45.8671, 0.3251, 0.3278



81.1170, 0.3275, 0.3276



48.0553, 0.3009, 0.3206



10.0882, 0.3279, 0.3276



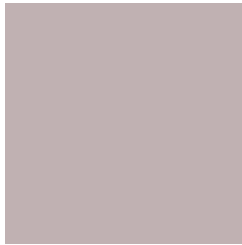
7.5635, 0.6321, 0.3256



0.3305, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 45.8651, 0.3251, 0.3278 looks on a white background.

Color Contrast Check

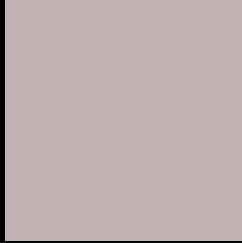
Large Text (above 18pt) WCAG AA × Fail

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 45.8651, 0.3251, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

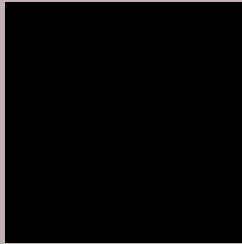
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8651, 0.3251, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 45.8651, 0.3251, 0.3278.



This preview shows how white text looks on a background with the Yxy color 45.8651, 0.3251, 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

45.8651, 0.3251, 0.3278

Protanopia

46.0875, 0.3170, 0.3303

Deuteranopia

46.0164, 0.3317, 0.3253



Tritanopia

45.8034, 0.3179, 0.3114

Trichromacy



Original Color

45.8651, 0.3251, 0.3278

Protanomaly

46.0597, 0.3197, 0.3290

Deuteranomaly

46.0008, 0.3288, 0.3265

Tritanomaly

45.8909, 0.3203, 0.3176

Monochromacy



Original Color

45.8651, 0.3251, 0.3278

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4178, 0.3171, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8651, 0.3251, 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(192, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(192, 177, 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(192, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 177, 178) }
```

Border

The CSS property to change the border of an element to Yxy 45.8651, 0.3251, 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(192, 177, 178) }
```

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

```
.border{ border-color:rgb(192, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(192, 177,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8651, 0.3251, 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(192, 177, 178) }
```

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

```
.background{ background-color: rgb(192,  
177, 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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