

Converting Colors

$Yxy(45.7783, 0.3202, 0.3343)$

Have a look what the booklet for
Yxy(45.7783, 0.3202, 0.3343)
contains.

Yxy(45.5257, 0.3203, 0.3343)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.5257, 0.3203, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	B8B3AF
RGB	184, 179, 175
RGB Percent	72%, 70%, 69%
CMY	0.2785, 0.2980, 0.3138
CMYK	0.00, 0.03, 0.05, 0.28
HSL	27°, 6%, 70%
HSV	27°, 5%, 72%
XYZ	43.6191, 45.5257, 47.0373
YIQ	180.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

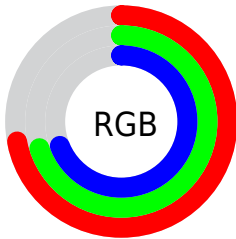
Format	Color
RYB	184, 182, 175
Decimal	12104623
CIELab	73.24, 1.03, 2.67
CIELCh	73, 2.858, 68.888
Yxy	45.5257, 0.3203, 0.3343
Android (android.graphics.Color)	4290294703 (0xFFB8B3AF)
YUV	180.0390, -2.4842, 3.4738
Hunter-Lab	67.4727, -2.6823, 5.8980

Details

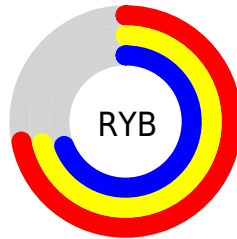
The Yxy color $45.5257, 0.3203, 0.3343$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.1922, 0.3053, 0.3236$, and the grayscale version is $45.6745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.6551, 0.3192, 0.3341$, and $21.1771, 0.3221, 0.3344$ is the 20% darker color. If you saturate the color by 10%, you get $40.9324, 0.3376, 0.3457$, and if you desaturate by 10%, it is $50.5210, 0.3053, 0.3236$.

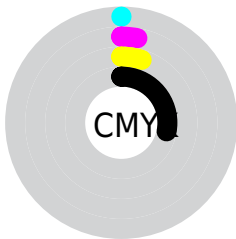
Distribution



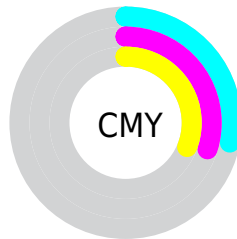
- Red (72%)
- Green (70%)
- Blue (69%)



- Red (72%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5257, 0.3203, 0.3343 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 45.5257, 0.3203, 0.3343 by changing the saturation by 10% instead.

■ 45.5257, 0.3203,
0.3343

■ 45.5257, 0.3203,
0.3343

368.8985, 0.3165,
0.3317

■ 31.8717, 0.3213,
0.3350

■ 83.5087, 0.3189,
0.3333

■ 21.2635, 0.3225,
0.3358

108.6065, 0.3184,
0.3330

■ 13.3168, 0.3242,
0.3370

138.2877, 0.3180,
0.3327

■ 7.6470, 0.3265,
0.3385

172.9367, 0.3176,
0.3324

■ 3.8699, 0.3300,
0.3409

212.9379, 0.3172,
0.3322

■ 1.6011, 0.3360,
0.3449

258.6757, 0.3170,

■ 0.3583, 0.3942,

0.3320

0.3862

310.5344, 0.3167,
0.3318

0.0000, 0.0000,
0.0000

45.5257, 0.3203,
0.3343

45.5257, 0.3203,
0.3343

40.9324, 0.3376,
0.3457

50.5210, 0.3053,
0.3236

36.7249, 0.3574,
0.3576

55.9225, 0.2924,
0.3138

32.8942, 0.3800,
0.3697

61.7415, 0.2812,
0.3047

29.4290, 0.4054,
0.3814

67.9873, 0.2715,
0.2964

26.3173, 0.4332,
0.3921

73.8735, 0.2692,
0.3012

■ 23.5461, 0.4626,
0.4005

■ 79.6818, 0.2704,
0.3125

■ 21.1016, 0.4922,
0.4054

■ 85.8243, 0.2715,
0.3236

■ 18.9687, 0.5201,
0.4057

■ 88.9272, 0.2721,
0.3289

■ 17.1303, 0.5444,
0.4007

Harmonies

Analogous

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



45.5257, 0.3204, 0.3313



45.5257, 0.3203, 0.3343



45.5257, 0.3182, 0.3359

Triad

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



45.5257, 0.3203, 0.3343



45.5257, 0.3070, 0.3303



45.5257, 0.3109, 0.3225

Complementary

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



45.5257, 0.3203, 0.3343



45.1922, 0.3053, 0.3236

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.



45.5257, 0.3073, 0.3222



45.5257, 0.3203, 0.3343



45.5257, 0.3051, 0.3266

Square

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



45.5257, 0.3203, 0.3343



45.5257, 0.3105, 0.3336



45.5257, 0.3052, 0.3237



45.5257, 0.3149, 0.3245

Rectangle

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



45.5257, 0.3203, 0.3343



45.5257, 0.3159, 0.3359



45.5257, 0.3052, 0.3237



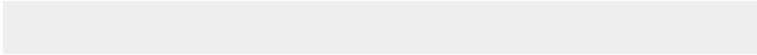
45.5257, 0.3096, 0.3222

Sweetspot

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



45.5277, 0.3203, 0.3343



85.9740, 0.3142, 0.3301



44.1398, 0.3165, 0.3223



18.5445, 0.3142, 0.3300



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.



45.5277, 0.3203, 0.3343



81.5070, 0.3223, 0.3356



47.3038, 0.3199, 0.3400



9.9481, 0.3230, 0.3361



11.3685, 0.5537, 0.3985



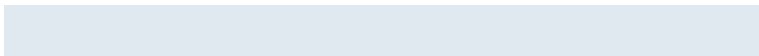
0.5246, 0.5105, 0.4328

Inverse Universe

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



45.1922, 0.3053, 0.3236



80.7537, 0.3035, 0.3223



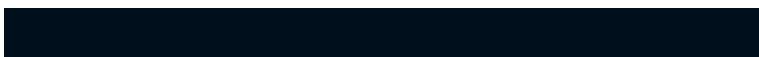
43.4597, 0.3054, 0.3178



9.8495, 0.3028, 0.3218



9.0135, 0.1826, 0.1775



0.4394, 0.1946, 0.2204

Previews

White Background



This preview shows how the Yxy color 45.5257, 0.3203, 0.3343 looks on a white background.

Color Contrast Check

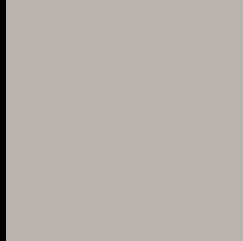
Large Text (above 18pt) WCAG AA × Fail

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 45.5257, 0.3203, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

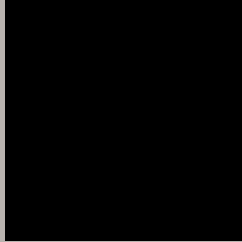
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

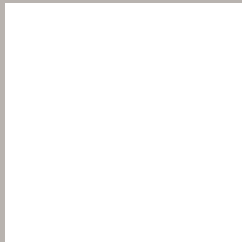
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5257, 0.3203, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 45.5257, 0.3203, 0.3343.



This preview shows how white text looks on a background with the Yxy color 45.5257, 0.3203, 0.3343.

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

45.5257, 0.3203, 0.3343

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

45.4125, 0.3326, 0.3265



Tritanopia

45.6450, 0.3092, 0.3111

Trichromacy



Original Color

45.5257, 0.3203, 0.3343

Protanomaly

45.5257, 0.3203, 0.3343

Deuteranomaly

45.5227, 0.3278, 0.3290

Tritanomaly

45.6579, 0.3131, 0.3200

Monochromacy



Original Color

45.5257, 0.3203, 0.3343

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6806, 0.3152, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5257, 0.3203, 0.3343 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(184, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 179, 175)  
}
```

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(184, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 179, 175) }
```

Border

The CSS property to change the border of an element to Yxy 45.5257, 0.3203, 0.3343 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(184, 179, 175) }
```

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

```
.border{ border-color:rgb(184, 179, 175) }
```

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

Here you see how a box with a 4 pixel rgb(184, 179, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 179,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5257, 0.3203, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 179, 175) }
```

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

```
.background{ background-color: rgb(184,  
179, 175) }
```

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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