

Converting Colors

$Yxy(52.7001, 0.3243, 0.3583)$

Have a look what the booklet for
Yxy(52.7001, 0.3243, 0.3583)
contains.

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Color

Yxy(52.7001, 0.3243, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	BCC3AC
RGB	188, 195, 172
RGB Percent	74%, 76%, 67%
CMY	0.2628, 0.2353, 0.3255
CMYK	0.04, 0.00, 0.12, 0.24
HSL	78°, 16%, 72%
HSV	78°, 12%, 76%
XYZ	47.6993, 52.7001, 46.6844
YIQ	190.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

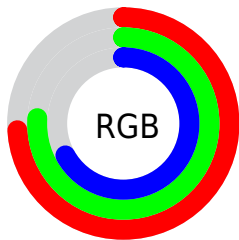
Format	Color
RYB	172, 195, 179
Decimal	12370860
CIELab	77.70, -6.53, 10.74
CIELCh	78, 12.566, 121.309
Yxy	52.7001, 0.3243, 0.3583
Android (android.graphics.Color)	4290560940 (0xFFBCC3AC)
YUV	190.2850, -9.0145, -2.0039
Hunter-Lab	72.5948, -9.7555, 12.6881

Details

The Yxy color **52.7001, 0.3243, 0.3583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0276, 0.3002, 0.2990**, and the grayscale version is **51.7175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4000, 0.3223, 0.3539**, and **25.5567, 0.3274, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **51.2683, 0.3341, 0.3847**, and if you desaturate by 10%, it is **54.2775, 0.3145, 0.3333**.

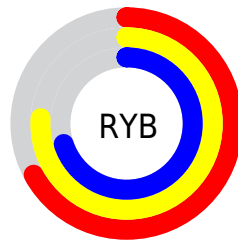
Distribution



Red (74%)

Green (76%)

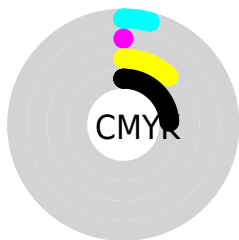
Blue (67%)



Red (67%)

Yellow (76%)

Blue (70%)

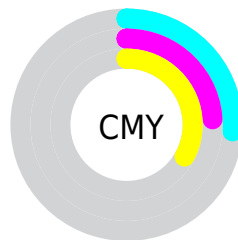


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7001, 0.3243, 0.3583 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 52.7001, 0.3243, 0.3583 by changing the saturation by 10% instead.


 52.7001, 0.3243,
0.3583

 52.7001, 0.3243,
0.3583


397.1335, 0.3187,
0.3438

 37.5634, 0.3256,
0.3619


 94.1629, 0.3223,
0.3530

 25.6440, 0.3273,
0.3665


121.2578, 0.3216,
0.3511

 16.5575, 0.3295,
0.3726


153.1076, 0.3209,
0.3494

 9.9195, 0.3324,
0.3810

190.0967, 0.3204,
0.3479

 5.3456, 0.3364,
0.3935

232.6094, 0.3199,
0.3467

 2.4514, 0.3424,
0.4136

281.0302, 0.3194,

 0.8522, 0.3872,

0.3456

0.5072

335.7434, 0.3191,
0.3446

0.0000, 0.0000,
0.0000

52.7001, 0.3243,
0.3583

52.7001, 0.3243,
0.3583

51.2683, 0.3341,
0.3847

54.2775, 0.3145,
0.3333

49.9701, 0.3437,
0.4120

55.9984, 0.3049,
0.3101

48.8022, 0.3524,
0.4394

57.8698, 0.2957,
0.2887

47.7588, 0.3599,
0.4659

59.8960, 0.2871,
0.2693

46.8334, 0.3656,
0.4903

61.1118, 0.2881,
0.2652

■ 46.0187, 0.3692,
0.5114

■ 62.0424, 0.2924,
0.2660

■ 45.3066, 0.3703,
0.5283

■ 63.0062, 0.2967,
0.2668

■ 44.6874, 0.3689,
0.5404

■ 64.0034, 0.3010,
0.2676

■ 44.2344, 0.3663,
0.5473

■ 65.0344, 0.3054,
0.2684

Harmonies

Analogous

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



52.7001, 0.3384, 0.3568



52.7001, 0.3243, 0.3583



52.7001, 0.3074, 0.3514

Triad

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



52.7001, 0.3243, 0.3583



52.7001, 0.2808, 0.3090



52.7001, 0.3334, 0.3200

Complementary

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



52.7001, 0.3243, 0.3583



43.0276, 0.3002, 0.2990

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.



52.7001, 0.3175, 0.3081



52.7001, 0.3243, 0.3583



52.7001, 0.2873, 0.3016

Square

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



52.7001, 0.3243, 0.3583



52.7001, 0.2825, 0.3223



52.7001, 0.3006, 0.3014



52.7001, 0.3439, 0.3344

Rectangle

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



52.7001, 0.3243, 0.3583



52.7001, 0.2968, 0.3429



52.7001, 0.3006, 0.3014



52.7001, 0.3285, 0.3156

Sweetspot

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



52.7024, 0.3243, 0.3583



96.5443, 0.3167, 0.3388



46.7807, 0.3326, 0.3379



21.0939, 0.3174, 0.3407



0.0000, 0.0000, 0.0000



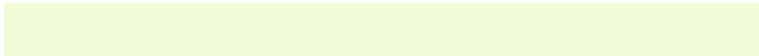
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7024, 0.3243, 0.3583



93.7405, 0.3267, 0.3646



51.3113, 0.3150, 0.3591



11.5994, 0.3219, 0.3521



28.7937, 0.3670, 0.5468



1.2788, 0.3791, 0.5372

Inverse Universe

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



43.0276, 0.3002, 0.2990



73.2109, 0.2974, 0.2925



44.4427, 0.3100, 0.2999



9.8934, 0.3030, 0.3055



3.2122, 0.1717, 0.0719



0.1758, 0.1974, 0.0861

Previews

White Background



This preview shows how the Yxy color 52.7001, 0.3243, 0.3583 looks on a white background.

Color Contrast Check

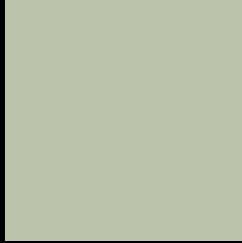
Large Text (above 18pt) WCAG AA × Fail

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 52.7001, 0.3243, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

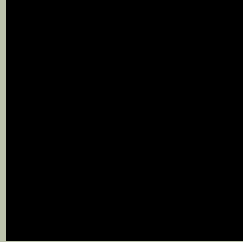
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

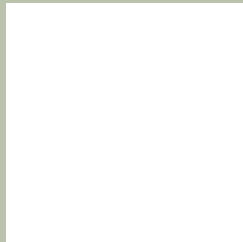
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7001, 0.3243, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 52.7001, 0.3243, 0.3583.



This preview shows how white text looks on a background with the Yxy color 52.7001, 0.3243, 0.3583.

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

52.7001, 0.3243, 0.3583

Protanopia

52.4432, 0.3366, 0.3551

Deuteranopia

52.5056, 0.3493, 0.3421



Tritanopia

52.5721, 0.3039, 0.3107

Trichromacy



Original Color

52.7001, 0.3243, 0.3583

Protanomaly

52.3753, 0.3322, 0.3553

Deuteranomaly

52.5341, 0.3397, 0.3486

Tritanomaly

52.6259, 0.3112, 0.3278

Monochromacy



Original Color

52.7001, 0.3243, 0.3583

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9370, 0.3171, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7001, 0.3243, 0.3583 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(188, 195, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 172)  
}
```

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(188, 195, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 172) }
```

Border

The CSS property to change the border of an element to Yxy 52.7001, 0.3243, 0.3583 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(188, 195, 172) }
```

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

```
.border{ border-color:rgb(188, 195, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7001, 0.3243, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 172) }
```

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

```
.background{ background-color: rgb(188,  
195, 172) }
```

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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