

Converting Colors

$Yxy(51.2302, 0.3246, 0.3336)$

Have a look what the booklet for
Yxy(51.2302, 0.3246, 0.3336)
contains.

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Color

Yxy(51.0071, 0.3243, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	C6BBB8
RGB	198, 187, 184
RGB Percent	78%, 73%, 72%
CMY	0.2234, 0.2667, 0.2783
CMYK	0.00, 0.06, 0.07, 0.22
HSL	13°, 11%, 75%
HSV	13°, 7%, 78%
XYZ	49.7193, 51.0071, 52.5862
YIQ	189.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

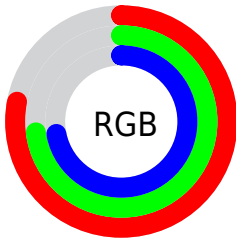
Format	Color
R_{YB}	198, 188, 184
Decimal	13024184
CIE _{Lab}	76.68, 3.37, 2.88
CIE _{LCh}	77, 4.437, 40.515
Yxy	51.0071, 0.3243, 0.3327
Android (android.graphics.Color)	4291214264 (0xFFC6BBB8)
YUV	189.9470, -2.9319, 7.0625
Hunter-Lab	71.4193, -0.7190, 6.3381

Details

The Yxy color **51.0071, 0.3243, 0.3327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3334, 0.3019, 0.3253**, and the grayscale version is **51.4786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6525, 0.3224, 0.3319**, and **24.6182, 0.3273, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **43.9686, 0.3435, 0.3383**, and if you desaturate by 10%, it is **58.8865, 0.3084, 0.3275**.

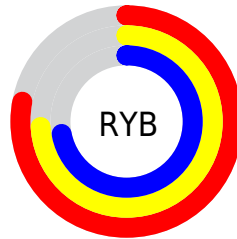
Distribution



Red (78%)

Green (73%)

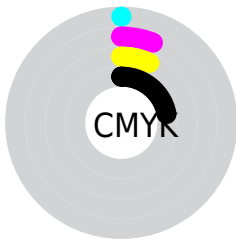
Blue (72%)



Red (78%)

Yellow (74%)

Blue (72%)

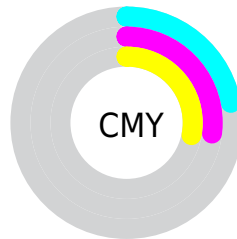


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0071, 0.3243, 0.3327 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 51.0071, 0.3243, 0.3327 by changing the saturation by 10% instead.


 51.0071, 0.3243,
0.3327

 51.0071, 0.3243,
0.3327


390.5914, 0.3186,
0.3309

 36.2143, 0.3257,
0.3331


 91.6653, 0.3222,
0.3321

 24.5997, 0.3275,
0.3337


118.2994, 0.3215,
0.3318

 15.7791, 0.3299,
0.3344


149.6494, 0.3208,
0.3316

 9.3680, 0.3332,
0.3354

186.0996, 0.3202,
0.3314

 4.9820, 0.3380,
0.3368

228.0346, 0.3197,
0.3313

 2.2367, 0.3458,
0.3389

275.8386, 0.3193,

 0.7399, 0.3689,

0.3311

0.3474

329.8961, 0.3189,
0.3310

0.0000, 0.0000,
0.0000

51.0071, 0.3243,
0.3327

51.0071, 0.3243,
0.3327

43.9686, 0.3435,
0.3383

58.8865, 0.3084,
0.3275

37.7364, 0.3667,
0.3441

67.6263, 0.2951,
0.3228

32.2836, 0.3943,
0.3500

77.2542, 0.2841,
0.3185

27.5792, 0.4268,
0.3555

87.2521, 0.2790,
0.3231

23.5899, 0.4639,
0.3599

90.7503, 0.2795,
0.3289

■ 20.2801, 0.5041,
0.3625

■ 17.6110, 0.5447,
0.3622

■ 15.5395, 0.5812,
0.3583

■ 14.0156, 0.6092,
0.3510

Harmonies

Analogous

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



51.0071, 0.3215, 0.3274



51.0071, 0.3243, 0.3327



51.0071, 0.3240, 0.3371

Triad

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



51.0071, 0.3243, 0.3327



51.0071, 0.3091, 0.3356



51.0071, 0.3049, 0.3188

Complementary

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



51.0071, 0.3243, 0.3327



53.3334, 0.3019, 0.3253

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.



51.0071, 0.3016, 0.3209



51.0071, 0.3243, 0.3327



51.0071, 0.3040, 0.3306

Square

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



51.0071, 0.3243, 0.3327



51.0071, 0.3151, 0.3388



51.0071, 0.3013, 0.3252



51.0071, 0.3102, 0.3194

Rectangle

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



51.0071, 0.3243, 0.3327



51.0071, 0.3220, 0.3389



51.0071, 0.3013, 0.3252



51.0071, 0.3035, 0.3192

Sweetspot

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



51.0093, 0.3243, 0.3327



97.1375, 0.3159, 0.3300



50.2531, 0.3157, 0.3153



20.8215, 0.3157, 0.3300



0.0000, 0.0000, 0.0000



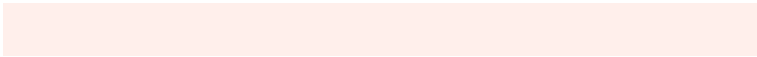
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0093, 0.3243, 0.3327



88.9203, 0.3261, 0.3333



53.9808, 0.3235, 0.3411



10.9948, 0.3284, 0.3340



8.9833, 0.6141, 0.3506



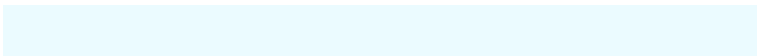
0.5337, 0.5734, 0.3829

Inverse Universe

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



53.3334, 0.3019, 0.3253



93.6097, 0.3003, 0.3247



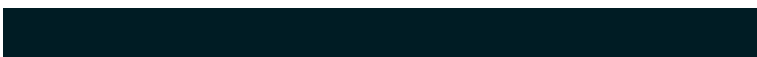
50.3367, 0.3020, 0.3166



11.6716, 0.2984, 0.3240



18.2607, 0.2056, 0.2601



0.9628, 0.2100, 0.2761

Previews

White Background



This preview shows how the Yxy color 51.0071, 0.3243, 0.3327 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 51.0071, 0.3243, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

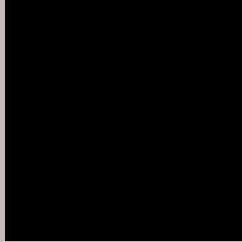
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

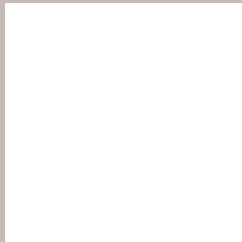
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0071, 0.3243, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 51.0071, 0.3243, 0.3327.



This preview shows how white text looks on a background with the Yxy color 51.0071, 0.3243, 0.3327.

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

51.0071, 0.3243, 0.3327

Protanopia

50.9386, 0.3200, 0.3328

Deuteranopia

50.9251, 0.3335, 0.3267



Tritanopia

51.1008, 0.3143, 0.3120

Trichromacy



Original Color

51.0071, 0.3243, 0.3327

Protanomaly

51.0713, 0.3209, 0.3328

Deuteranomaly

50.7629, 0.3298, 0.3278

Tritanomaly

51.1550, 0.3173, 0.3192

Monochromacy



Original Color

51.0071, 0.3243, 0.3327

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3635, 0.3168, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0071, 0.3243, 0.3327 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(198, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 184)  
}
```

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(198, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.0071, 0.3243, 0.3327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

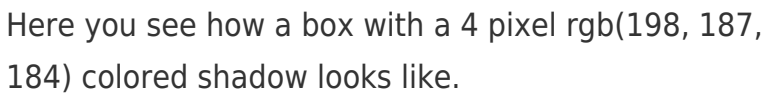
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 187, 184) }
```

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

```
.border{ border-color:rgb(198, 187, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0071, 0.3243, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 184) }
```

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

```
.background{ background-color: rgb(198,  
187, 184) }
```

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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