

Converting Colors

$Yxy(50.9475, 0.3263, 0.3294)$

Have a look what the booklet for
Yxy(50.9475, 0.3263, 0.3294)
contains.

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Color

Yxy(51.0381, 0.3262, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	C9BAB9
RGB	201, 186, 185
RGB Percent	79%, 73%, 73%
CMY	0.2117, 0.2706, 0.2746
CMYK	0.00, 0.07, 0.08, 0.21
HSL	4°, 13%, 76%
HSV	4°, 8%, 79%
XYZ	50.4046, 51.0381, 53.0778
YIQ	190.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

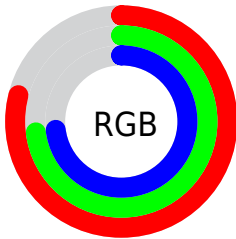
Format	Color
R _Y B	201, 186, 185
Decimal	13220537
CIE Lab	76.70, 5.14, 2.43
CIE LCh	77, 5.680, 25.304
Yxy	51.0381, 0.3262, 0.3303
Android (android.graphics.Color)	4291410617 (0xFFC9BAB9)
YUV	190.3710, -2.6479, 9.3216
Hunter-Lab	71.4410, 0.9175, 5.9586

Details

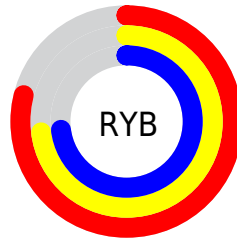
The Yxy color **51.0381, 0.3262, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8331, 0.3005, 0.3277**, and the grayscale version is **51.7306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1151, 0.3219, 0.3300**, and **24.6440, 0.3299, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **42.8387, 0.3467, 0.3321**, and if you desaturate by 10%, it is **60.4056, 0.3097, 0.3287**.

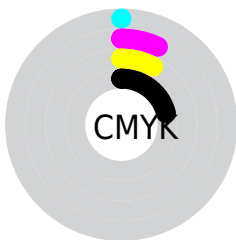
Distribution



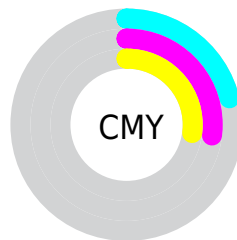
- Red (79%)
- Green (73%)
- Blue (73%)



- Red (79%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (21%)





- Cyan (21%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0381, 0.3262, 0.3303 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 51.0381, 0.3262, 0.3303 by changing the saturation by 10% instead.

 51.0381, 0.3262,
0.3303

 51.0381, 0.3262,
0.3303

390.7118, 0.3195,
0.3297

 36.2389, 0.3278,
0.3304


 91.7111, 0.3238,
0.3301

 24.6188, 0.3299,
0.3306

118.3537, 0.3229,
0.3300

 15.7933, 0.3327,
0.3308


149.7129, 0.3221,
0.3299

 9.3780, 0.3365,
0.3311

186.1731, 0.3215,
0.3299

 4.9885, 0.3422,
0.3315

228.1187, 0.3209,
0.3298

 2.2405, 0.3513,
0.3320

275.9341, 0.3204,

 0.7420, 0.3757,

0.3298

0.3356

330.0037, 0.3199,
0.3297

0.0000, 0.0000,
0.0000

51.0381, 0.3262,
0.3303

51.0381, 0.3262,
0.3303

42.8387, 0.3467,
0.3321

60.4056, 0.3097,
0.3287

35.7553, 0.3720,
0.3339

70.9774, 0.2963,
0.3272

29.7415, 0.4030,
0.3357

82.7967, 0.2854,
0.3259

24.7455, 0.4401,
0.3374

91.1602, 0.2811,
0.3289

20.7109, 0.4828,
0.3386

■ 17.5759, 0.5288,
0.3390

■ 15.2714, 0.5733,
0.3382

■ 13.7184, 0.6096,
0.3362

■ 12.8203, 0.6324,
0.3335

Harmonies

Analogous

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



51.0381, 0.3209, 0.3236



51.0381, 0.3262, 0.3303



51.0381, 0.3279, 0.3367

Triad

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



51.0381, 0.3262, 0.3303



51.0381, 0.3119, 0.3399



51.0381, 0.3001, 0.3169

Complementary

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



51.0381, 0.3262, 0.3303



55.8331, 0.3005, 0.3277

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.



51.0381, 0.2978, 0.3211



51.0381, 0.3262, 0.3303



51.0381, 0.3046, 0.3344

Square

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



51.0381, 0.3262, 0.3303



51.0381, 0.3196, 0.3424



51.0381, 0.2994, 0.3275



51.0381, 0.3058, 0.3159

Rectangle

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



51.0381, 0.3262, 0.3303



51.0381, 0.3267, 0.3400



51.0381, 0.2994, 0.3275



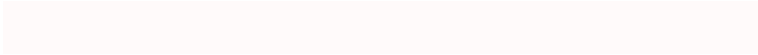
51.0381, 0.2989, 0.3179

Sweetspot

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



51.0403, 0.3262, 0.3303



96.6682, 0.3159, 0.3293



51.2870, 0.3142, 0.3106



20.7259, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



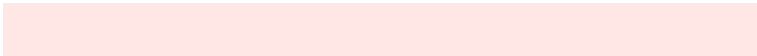
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0403, 0.3262, 0.3303



84.1726, 0.3303, 0.3307



54.4158, 0.3253, 0.3398



10.7443, 0.3288, 0.3305



8.0349, 0.6347, 0.3342



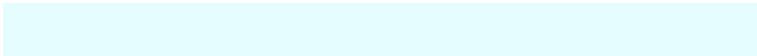
0.4194, 0.6167, 0.3486

Inverse Universe

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



55.8331, 0.3005, 0.3277



94.4416, 0.2973, 0.3273



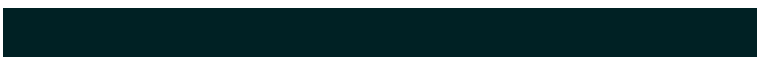
52.3133, 0.3005, 0.3180



11.9466, 0.2984, 0.3275



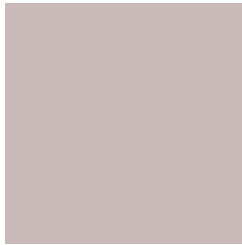
25.3474, 0.2192, 0.3091



1.2362, 0.2204, 0.3135

Previews

White Background



This preview shows how the Yxy color 51.0381, 0.3262, 0.3303 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 51.0381, 0.3262, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

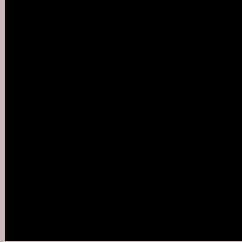
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0381, 0.3262, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 51.0381, 0.3262, 0.3303.



This preview shows how white text looks on a background with the Yxy color 51.0381, 0.3262, 0.3303.

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

51.0381, 0.3262, 0.3303

Protanopia

50.8491, 0.3184, 0.3315

Deuteranopia

50.9675, 0.3326, 0.3255



Tritanopia

51.0547, 0.3177, 0.3121

Trichromacy



Original Color

51.0381, 0.3262, 0.3303

Protanomaly

50.8216, 0.3210, 0.3303

Deuteranomaly

50.9480, 0.3299, 0.3266

Tritanomaly

51.1047, 0.3207, 0.3193

Monochromacy



Original Color

51.0381, 0.3262, 0.3303

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4954, 0.3176, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0381, 0.3262, 0.3303 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(201, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 185)  
}
```

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(201, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 185) }
```

Border

The CSS property to change the border of an element to Yxy 51.0381, 0.3262, 0.3303 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(201, 186, 185) }
```

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

```
.border{ border-color:rgb(201, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 186,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0381, 0.3262, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 185) }
```

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

```
.background{ background-color: rgb(201,  
186, 185) }
```

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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