

Converting Colors

$Yxy(51.6373, 0.3257, 0.3356)$

Have a look what the booklet for
Yxy(51.6373, 0.3257, 0.3356)
contains.

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Color

Yxy(51.5275, 0.3258, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	C7BCB7
RGB	199, 188, 183
RGB Percent	78%, 74%, 72%
CMY	0.2196, 0.2627, 0.2823
CMYK	0.00, 0.06, 0.08, 0.22
HSL	19°, 12%, 75%
HSV	19°, 8%, 78%
XYZ	50.0825, 51.5275, 52.1116
YIQ	190.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

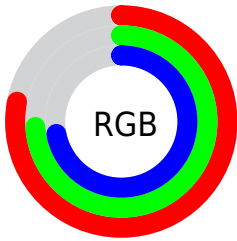
Format	Color
RYB	199, 190, 183
Decimal	13089975
CIELab	77.00, 3.00, 3.90
CIElCh	77, 4.918, 52.433
Yxy	51.5275, 0.3258, 0.3352
Android (android.graphics.Color)	4291280055 (0xFFC7BCB7)
YUV	190.7190, -3.8055, 7.2624
Hunter-Lab	71.7827, -1.0808, 7.2054

Details

The Yxy color **51.5275, 0.3258, 0.3352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7733, 0.3004, 0.3227**, and the grayscale version is **51.9489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1934, 0.3229, 0.3339**, and **24.9594, 0.3294, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **45.1887, 0.3448, 0.3434**, and if you desaturate by 10%, it is **58.5419, 0.3098, 0.3275**.

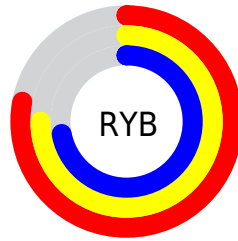
Distribution



Red (78%)

Green (74%)

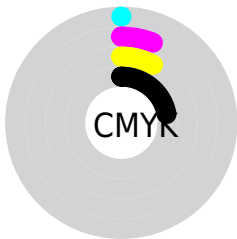
Blue (72%)



Red (78%)

Yellow (75%)

Blue (72%)

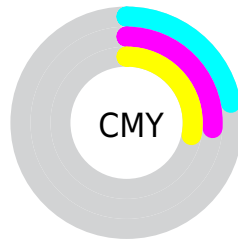


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5275, 0.3258, 0.3352 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 51.5275, 0.3258, 0.3352 by changing the saturation by 10% instead.


 51.5275, 0.3258,
0.3352

 51.5275, 0.3258,
0.3352


392.6098, 0.3194,
0.3322

 36.6286, 0.3274,
0.3359


 92.4340, 0.3235,
0.3341

 24.9201, 0.3294,
0.3369


119.2104, 0.3226,
0.3337

 16.0175, 0.3321,
0.3381


150.7148, 0.3219,
0.3334

 9.5365, 0.3358,
0.3397

187.3315, 0.3212,
0.3331

 5.0928, 0.3412,
0.3421

229.4450, 0.3207,
0.3328

 2.3018, 0.3499,
0.3458

277.4396, 0.3202,

 0.7747, 0.3756,

0.3326

0.3595

331.6997, 0.3197,
0.3324

0.0000, 0.0000,
0.0000

51.5275, 0.3258,
0.3352

51.5275, 0.3258,
0.3352

45.1887, 0.3448,
0.3434

58.5419, 0.3098,
0.3275

39.4984, 0.3672,
0.3519

66.2445, 0.2962,
0.3205

34.4378, 0.3934,
0.3605

74.6560, 0.2848,
0.3140

29.9844, 0.4235,
0.3686

83.2944, 0.2790,
0.3159

26.1143, 0.4571,
0.3754

90.8808, 0.2800,
0.3289

■ 22.8021, 0.4931,
0.3797

■ 20.0201, 0.5292,
0.3805

■ 17.7379, 0.5622,
0.3766

■ 15.9190, 0.5890,
0.3683

Harmonies

Analogous

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



51.5275, 0.3240, 0.3296



51.5275, 0.3258, 0.3352



51.5275, 0.3240, 0.3393

Triad

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



51.5275, 0.3258, 0.3352



51.5275, 0.3062, 0.3342



51.5275, 0.3062, 0.3177

Complementary

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



51.5275, 0.3258, 0.3352



52.7733, 0.3004, 0.3227

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.



51.5275, 0.3015, 0.3188



51.5275, 0.3258, 0.3352



51.5275, 0.3015, 0.3283

Square

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



51.5275, 0.3258, 0.3352



51.5275, 0.3127, 0.3388



51.5275, 0.2998, 0.3226



51.5275, 0.3127, 0.3195

Rectangle

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



51.5275, 0.3258, 0.3352



51.5275, 0.3211, 0.3405



51.5275, 0.2998, 0.3226



51.5275, 0.3044, 0.3177

Sweetspot

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



51.5298, 0.3258, 0.3352



97.4595, 0.3159, 0.3305



49.9166, 0.3174, 0.3153



20.8870, 0.3157, 0.3305



0.0000, 0.0000, 0.0000



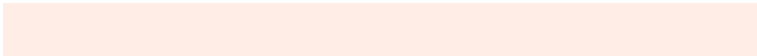
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5298, 0.3258, 0.3352



87.7871, 0.3296, 0.3369



54.9476, 0.3249, 0.3447



11.1690, 0.3282, 0.3363



10.1771, 0.5914, 0.3686



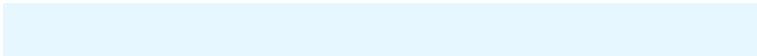
0.6127, 0.5498, 0.4017

Inverse Universe

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



52.7733, 0.3004, 0.3227



90.4991, 0.2972, 0.3210



49.3972, 0.3005, 0.3128



11.4865, 0.2984, 0.3216



14.2795, 0.1957, 0.2246



0.8013, 0.2025, 0.2490

Previews

White Background



This preview shows how the Yxy color 51.5275, 0.3258, 0.3352 looks on a white background.

Color Contrast Check

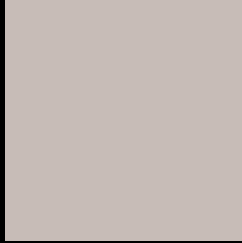
Large Text (above 18pt) WCAG AA × Fail

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 51.5275, 0.3258, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

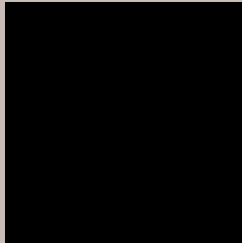
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5275, 0.3258, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 51.5275, 0.3258, 0.3352.



This preview shows how white text looks on a background with the Yxy color 51.5275, 0.3258, 0.3352.

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

51.5275, 0.3258, 0.3352

Protanopia

51.4580, 0.3215, 0.3352

Deuteranopia

51.5906, 0.3359, 0.3291



Tritanopia

51.2856, 0.3144, 0.3109

Trichromacy



Original Color

51.5275, 0.3258, 0.3352

Protanomaly

51.5916, 0.3224, 0.3352

Deuteranomaly

51.4240, 0.3323, 0.3303

Tritanomaly

51.2922, 0.3182, 0.3193

Monochromacy



Original Color

51.5275, 0.3258, 0.3352

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9271, 0.3175, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5275, 0.3258, 0.3352 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(199, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 183)  
}
```

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(199, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 183) }
```

Border

The CSS property to change the border of an element to Yxy 51.5275, 0.3258, 0.3352 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(199, 188, 183) }
```

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

```
.border{ border-color:rgb(199, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5275, 0.3258, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 183) }
```

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

```
.background{ background-color: rgb(199,  
188, 183) }
```

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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