

Converting Colors

Yxy(51.3427, 0.3221, 0.3391)

Have a look what the booklet for
Yxy(51.3427, 0.3221, 0.3391)
contains.

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Color

Yxy(51.0688, 0.3222, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDB5
RGB	193, 189, 181
RGB Percent	76%, 74%, 71%
CMY	0.2432, 0.2588, 0.2902
CMYK	0.00, 0.02, 0.06, 0.24
HSL	40°, 9%, 73%
HSV	40°, 6%, 76%
XYZ	48.5236, 51.0688, 51.0086
YIQ	189.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

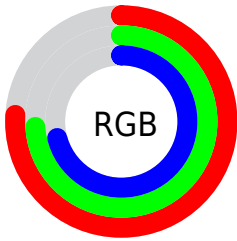
Format	Color
RYB	187, 193, 181
Decimal	12697013
CIELab	76.72, -0.04, 4.53
CIELCh	77, 4.533, 90.545
Yxy	51.0688, 0.3222, 0.3391
Android (android.graphics.Color)	4290887093 (0xFFC1BDB5)
YUV	189.2840, -4.0840, 3.2589
Hunter-Lab	71.4624, -3.8561, 7.7036

Details

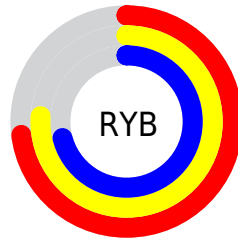
The Yxy color **51.0688, 0.3222, 0.3391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3458, 0.3033, 0.3187**, and the grayscale version is **51.0802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5590, 0.3201, 0.3369**, and **24.6558, 0.3245, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **47.6517, 0.3388, 0.3560**, and if you desaturate by 10%, it is **54.7205, 0.3072, 0.3230**.

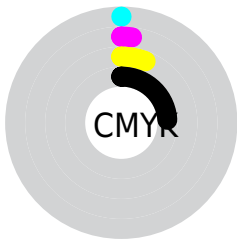
Distribution



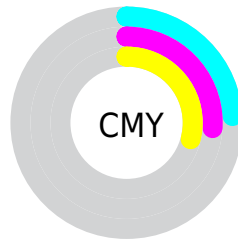
- Red (76%)
- Green (74%)
- Blue (71%)



- Red (73%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (24%)





- Cyan (24%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0688, 0.3222, 0.3391 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 51.0688, 0.3222, 0.3391 by changing the saturation by 10% instead.

 51.0688, 0.3222,
0.3391

 51.0688, 0.3222,
0.3391

390.8310, 0.3175,
0.3341

 36.2634, 0.3233,
0.3403


 91.7565, 0.3205,
0.3373

 24.6377, 0.3248,
0.3419


118.4075, 0.3199,
0.3366

 15.8073, 0.3267,
0.3439

149.7758, 0.3193,
0.3361

 9.3879, 0.3294,
0.3468

186.2459, 0.3189,
0.3356

 4.9951, 0.3333,
0.3509

228.2020, 0.3185,
0.3351

 2.2444, 0.3396,
0.3576

276.0287, 0.3181,

 0.7440, 0.3633,

0.3348

0.3829

330.1102, 0.3178,
0.3344

0.0000, 0.0000,
0.0000

51.0688, 0.3222,
0.3391

51.0688, 0.3222,
0.3391

47.6517, 0.3388,
0.3560

54.7205, 0.3072,
0.3230

44.4565, 0.3569,
0.3735

58.6059, 0.2938,
0.3080

41.4790, 0.3764,
0.3910

62.7325, 0.2818,
0.2940

38.7126, 0.3969,
0.4079

66.8995, 0.2729,
0.2844

36.1500, 0.4178,
0.4232

70.1976, 0.2736,
0.2916

■ 33.7833, 0.4383,
0.4358

■ 73.6234, 0.2742,
0.2987

■ 31.6039, 0.4574,
0.4446

■ 77.1781, 0.2748,
0.3058

■ 29.6018, 0.4742,
0.4488

■ 80.8632, 0.2754,
0.3128

■ 27.7648, 0.4878,
0.4480

■ 84.6801, 0.2760,
0.3197

Harmonies

Analogous

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



51.0688, 0.3247, 0.3360



51.0688, 0.3222, 0.3391



51.0688, 0.3172, 0.3395

Triad

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



51.0688, 0.3222, 0.3391



51.0688, 0.3017, 0.3269



51.0688, 0.3144, 0.3211

Complementary

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



51.0688, 0.3222, 0.3391



48.3458, 0.3033, 0.3187

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.



51.0688, 0.3082, 0.3187



51.0688, 0.3222, 0.3391



51.0688, 0.3009, 0.3219

Square

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



51.0688, 0.3222, 0.3391



51.0688, 0.3053, 0.3324



51.0688, 0.3033, 0.3190



51.0688, 0.3201, 0.3256

Rectangle

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



51.0688, 0.3222, 0.3391



51.0688, 0.3131, 0.3382



51.0688, 0.3033, 0.3190



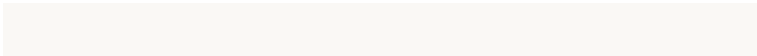
51.0688, 0.3123, 0.3201

Sweetspot

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



51.0710, 0.3222, 0.3391



94.1807, 0.3158, 0.3323



47.8785, 0.3198, 0.3240



20.2192, 0.3156, 0.3321



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



51.0710, 0.3222, 0.3391



90.9313, 0.3236, 0.3406



52.5359, 0.3201, 0.3441



11.3258, 0.3242, 0.3412



18.1842, 0.4915, 0.4480



0.9075, 0.4716, 0.4638

Inverse Universe

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



48.3458, 0.3033, 0.3187



85.3751, 0.3019, 0.3171



46.9572, 0.3050, 0.3136



10.5961, 0.3013, 0.3165



5.1105, 0.1636, 0.1089



0.3487, 0.1766, 0.1556

Previews

White Background



This preview shows how the Yxy color 51.0688, 0.3222, 0.3391 looks on a white background.

Color Contrast Check

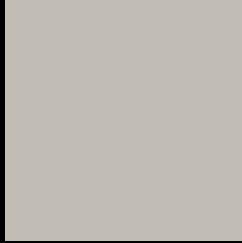
Large Text (above 18pt) WCAG AA × Fail

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 51.0688, 0.3222, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

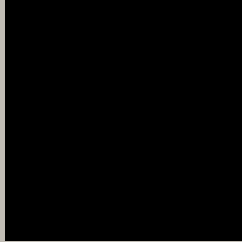
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

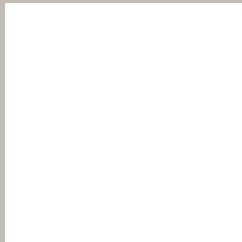
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0688, 0.3222, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 51.0688, 0.3222, 0.3391.

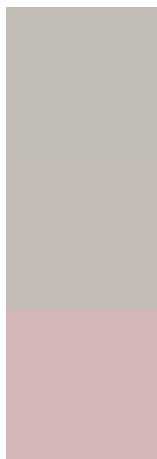


This preview shows how white text looks on a background with the Yxy color 51.0688, 0.3222, 0.3391.

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

51.0688, 0.3222, 0.3391

Protanopia

50.9047, 0.3240, 0.3378

Deuteranopia

50.9460, 0.3368, 0.3303



Tritanopia

51.0706, 0.3095, 0.3107

Trichromacy



Original Color

51.0688, 0.3222, 0.3391

Protanomaly

50.7720, 0.3232, 0.3378

Deuteranomaly

50.9127, 0.3313, 0.3327

Tritanomaly

51.0378, 0.3139, 0.3204

Monochromacy



Original Color

51.0688, 0.3222, 0.3391

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8875, 0.3158, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0688, 0.3222, 0.3391 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(193, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 181)  
}
```

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(193, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 181) }
```

Border

The CSS property to change the border of an element to Yxy 51.0688, 0.3222, 0.3391 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(193, 189, 181) }
```

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

```
.border{ border-color:rgb(193, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0688, 0.3222, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 181) }
```

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

```
.background{ background-color: rgb(193,  
189, 181) }
```

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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