

Converting Colors

$Yxy(51.7301, 0.3275, 0.3401)$

Have a look what the booklet for
Yxy(51.7301, 0.3275, 0.3401)
contains.

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Color

Yxy(51.6962, 0.3272, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	C6BDB4
RGB	198, 189, 180
RGB Percent	78%, 74%, 71%
CMY	0.2236, 0.2588, 0.2941
CMYK	0.00, 0.05, 0.09, 0.22
HSL	30°, 14%, 74%
HSV	30°, 9%, 78%
XYZ	49.7207, 51.6962, 50.5413
YIQ	190.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

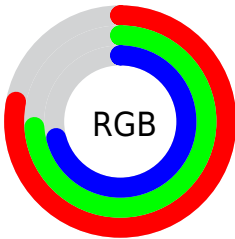
Format	Color
RYB	198, 198, 180
Decimal	13024692
CIELab	77.10, 1.59, 5.66
CIELCh	77, 5.878, 74.343
Yxy	51.6962, 0.3272, 0.3402
Android (android.graphics.Color)	4291214772 (0xFFC6BDB4)
YUV	190.6650, -5.2578, 6.4328
Hunter-Lab	71.9001, -2.3878, 8.6528

Details

The Yxy color **51.6962, 0.3272, 0.3402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1653, 0.2988, 0.3175**, and the grayscale version is **51.9235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6209, 0.3247, 0.3378**, and **25.0699, 0.3313, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **46.8412, 0.3453, 0.3532**, and if you desaturate by 10%, it is **56.9605, 0.3113, 0.3279**.

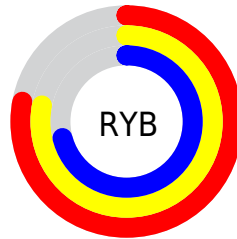
Distribution



Red (78%)

Green (74%)

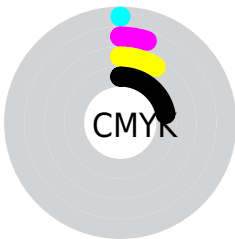
Blue (71%)



Red (78%)

Yellow (78%)

Blue (71%)

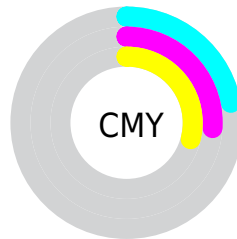


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6962, 0.3272, 0.3402 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 51.6962, 0.3272, 0.3402 by changing the saturation by 10% instead.

 51.6962, 0.3272,
0.3402

 51.6962, 0.3272,
0.3402

393.2626, 0.3201,
0.3347

 36.7630, 0.3289,
0.3415


 92.6830, 0.3246,
0.3382

 25.0240, 0.3312,
0.3432


119.5055, 0.3237,
0.3375

 16.0950, 0.3341,
0.3455


151.0597, 0.3228,
0.3369

 9.5914, 0.3382,
0.3485

187.7302, 0.3221,
0.3363

 5.1289, 0.3441,
0.3529

229.9014, 0.3215,
0.3358

 2.3231, 0.3536,
0.3599

277.9576, 0.3210,

 0.7859, 0.3867,

0.3354

0.3868


332.2832, 0.3205,
0.3351

 0.0000, 0.0000,
0.0000

 51.6962, 0.3272,
0.3402

 51.6962, 0.3272,
0.3402

 46.8412, 0.3453,
0.3532

 56.9605, 0.3113,
0.3279


 42.3783, 0.3658,
0.3667

 62.6375, 0.2975,
0.3164


 38.2984, 0.3888,
0.3801

 68.7392, 0.2855,
0.3058

 34.5900, 0.4139,
0.3928

 75.0015, 0.2773,
0.3004

 31.2405, 0.4407,
0.4039

 80.6105, 0.2781,
0.3112

■ 28.2366, 0.4682,
0.4121

■ 86.5354, 0.2789,
0.3218

■ 25.5638, 0.4948,
0.4162

■ 90.7429, 0.2794,
0.3289

■ 23.2057, 0.5188,
0.4152

■ 21.1394, 0.5393,
0.4092

Harmonies

Analogous

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



51.6962, 0.3282, 0.3347



51.6962, 0.3272, 0.3402



51.6962, 0.3223, 0.3428

Triad

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



51.6962, 0.3272, 0.3402



51.6962, 0.3006, 0.3301



51.6962, 0.3104, 0.3168

Complementary

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



51.6962, 0.3272, 0.3402



50.1653, 0.2988, 0.3175

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.



51.6962, 0.3031, 0.3155



51.6962, 0.3272, 0.3402



51.6962, 0.2975, 0.3230

Square

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



51.6962, 0.3272, 0.3402



51.6962, 0.3069, 0.3370



51.6962, 0.2984, 0.3177



51.6962, 0.3185, 0.3213

Rectangle

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



51.6962, 0.3272, 0.3402



51.6962, 0.3175, 0.3425



51.6962, 0.2984, 0.3177



51.6962, 0.3078, 0.3160

Sweetspot

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



51.6985, 0.3272, 0.3402



97.1055, 0.3174, 0.3327



48.3225, 0.3210, 0.3179



20.6214, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



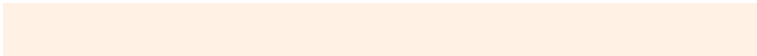
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6985, 0.3272, 0.3402



89.7153, 0.3308, 0.3429



55.6771, 0.3261, 0.3511



11.5002, 0.3277, 0.3406



13.8060, 0.5391, 0.4102



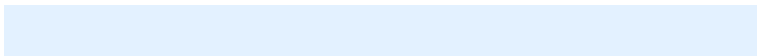
0.7986, 0.5076, 0.4351

Inverse Universe

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



50.1653, 0.2988, 0.3175



86.4223, 0.2955, 0.3147



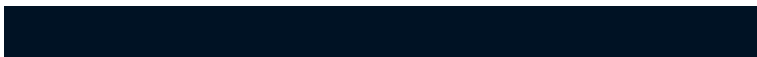
46.4262, 0.2988, 0.3059



11.1473, 0.2983, 0.3171



8.6021, 0.1775, 0.1590



0.5522, 0.1881, 0.1970

Previews

White Background



This preview shows how the Yxy color 51.6962, 0.3272, 0.3402 looks on a white background.

Color Contrast Check

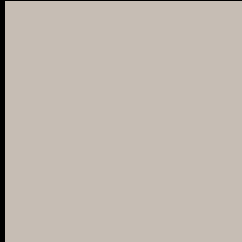
Large Text (above 18pt) WCAG AA × Fail

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 51.6962, 0.3272, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

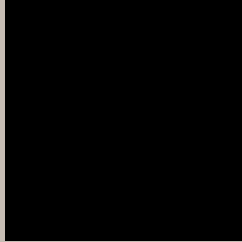
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

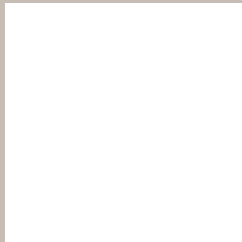
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6962, 0.3272, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 51.6962, 0.3272, 0.3402.

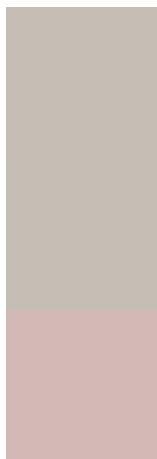


This preview shows how white text looks on a background with the Yxy color 51.6962, 0.3272, 0.3402.

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

51.6962, 0.3272, 0.3402

Protanopia

51.8580, 0.3254, 0.3415

Deuteranopia

51.6142, 0.3392, 0.3327



Tritanopia

51.7524, 0.3136, 0.3109

Trichromacy



Original Color

51.6962, 0.3272, 0.3402

Protanomaly

51.9925, 0.3263, 0.3415

Deuteranomaly

51.7194, 0.3346, 0.3351

Tritanomaly

51.6703, 0.3189, 0.3217

Monochromacy



Original Color

51.6962, 0.3272, 0.3402

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8841, 0.3183, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6962, 0.3272, 0.3402 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, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 180)  
}
```

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, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 180) }
```

Border

The CSS property to change the border of an element to Yxy 51.6962, 0.3272, 0.3402 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, 189, 180) }
```

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

```
.border{ border-color:rgb(198, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6962, 0.3272, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 180) }
```

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

```
.background{ background-color: rgb(198,  
189, 180) }
```

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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