

Converting Colors

Yxy(51.4367, 0.3421, 0.3520)

Have a look what the booklet for
Yxy(51.4367, 0.3421, 0.3520)
contains.

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Color

Yxy(51.2426, 0.3416, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBA9
RGB	204, 187, 169
RGB Percent	80%, 73%, 66%
CMY	0.2001, 0.2666, 0.3373
CMYK	0.00, 0.08, 0.17, 0.20
HSL	31°, 26%, 73%
HSV	31°, 17%, 80%
XYZ	49.8277, 51.2426, 44.7953
YIQ	190.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

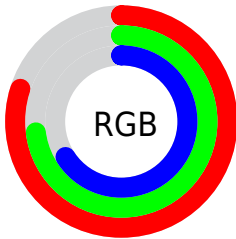
Format	Color
RYB	202, 204, 169
Decimal	13417385
CIELab	76.83, 3.05, 11.30
CIElCh	77, 11.700, 74.879
Yxy	51.2426, 0.3416, 0.3513
Android (android.graphics.Color)	4291607465 (0xFFCCBBA9)
YUV	190.0310, -10.3683, 12.2508
Hunter-Lab	71.5839, -1.0227, 13.0066

Details

The Yxy color **51.2426, 0.3416, 0.3513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8900, 0.2859, 0.3056**, and the grayscale version is **51.5646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7430, 0.3324, 0.3477**, and **24.8186, 0.3500, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **46.4847, 0.3615, 0.3651**, and if you desaturate by 10%, it is **56.4136, 0.3240, 0.3380**.

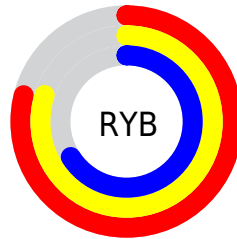
Distribution



Red (80%)

Green (73%)

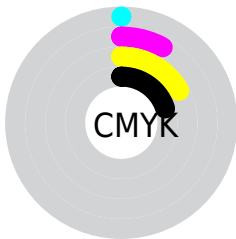
Blue (66%)



Red (79%)

Yellow (80%)

Blue (66%)

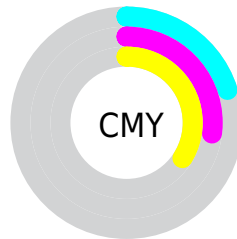


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2426, 0.3416, 0.3513 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 51.2426, 0.3416, 0.3513 by changing the saturation by 10% instead.

 51.2426, 0.3416,
0.3513

 51.2426, 0.3416,
0.3513


391.5056, 0.3273,
0.3404

 36.4017, 0.3451,
0.3539

 92.0133, 0.3365,
0.3474

 24.7446, 0.3496,
0.3573


118.7119, 0.3345,
0.3459

 15.8869, 0.3554,
0.3616


150.1318, 0.3329,
0.3447

 9.4441, 0.3635,
0.3675

186.6575, 0.3315,
0.3436

 5.0320, 0.3753,
0.3759

228.6733, 0.3302,
0.3426

 2.2660, 0.3940,
0.3889

276.5637, 0.3291,

 0.7557, 0.5013,

0.3418

0.4778

330.7130, 0.3282,
0.3411

0.0000, 0.0000,
0.0000

51.2426, 0.3416,
0.3513

51.2426, 0.3416,
0.3513

46.4847, 0.3615,
0.3651

56.4136, 0.3240,
0.3380

42.1217, 0.3838,
0.3789

62.0015, 0.3085,
0.3255

38.1439, 0.4083,
0.3922

68.0191, 0.2950,
0.3139

34.5388, 0.4344,
0.4040

74.4761, 0.2832,
0.3031

31.2928, 0.4613,
0.4132

80.3098, 0.2814,
0.3093

■ 28.3910, 0.4875,
0.4184

■ 86.1778, 0.2821,
0.3199

■ 25.8171, 0.5114,
0.4187

■ 91.5739, 0.2827,
0.3289

■ 23.5511, 0.5317,
0.4136

■ 22.9545, 0.5372,
0.4117

Harmonies

Analogous

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



51.2426, 0.3438, 0.3402



51.2426, 0.3416, 0.3513



51.2426, 0.3315, 0.3567

Triad

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



51.2426, 0.3416, 0.3513



51.2426, 0.2885, 0.3307



51.2426, 0.3083, 0.3051

Complementary

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



51.2426, 0.3416, 0.3513



47.8900, 0.2859, 0.3056

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.



51.2426, 0.2938, 0.3023



51.2426, 0.3416, 0.3513



51.2426, 0.2826, 0.3166

Square

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



51.2426, 0.3416, 0.3513



51.2426, 0.3008, 0.3448



51.2426, 0.2845, 0.3063



51.2426, 0.3244, 0.3139

Rectangle

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



51.2426, 0.3416, 0.3513



51.2426, 0.3218, 0.3561



51.2426, 0.2845, 0.3063



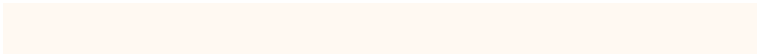
51.2426, 0.3031, 0.3034

Sweetspot

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



51.2449, 0.3416, 0.3513



95.3251, 0.3206, 0.3354



44.7721, 0.3296, 0.3075



20.2660, 0.3217, 0.3363



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.



51.2449, 0.3416, 0.3513



81.5580, 0.3495, 0.3569



58.8723, 0.3383, 0.3712



12.1535, 0.3277, 0.3410



14.6389, 0.5351, 0.4133



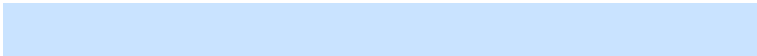
0.9068, 0.5065, 0.4360

Inverse Universe

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



47.8900, 0.2859, 0.3056



74.8637, 0.2793, 0.2994



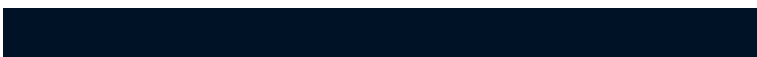
41.1648, 0.2849, 0.2830



11.7267, 0.2983, 0.3168



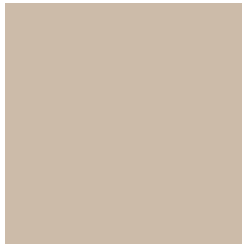
8.5339, 0.1762, 0.1541



0.5920, 0.1862, 0.1904

Previews

White Background



This preview shows how the Yxy color 51.2426, 0.3416, 0.3513 looks on a white background.

Color Contrast Check

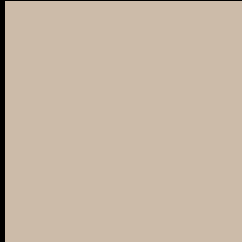
Large Text (above 18pt) WCAG AA × Fail

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 51.2426, 0.3416, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

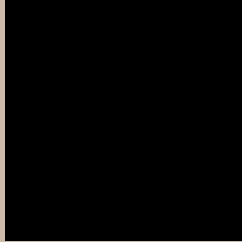
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2426, 0.3416, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 51.2426, 0.3416, 0.3513.



This preview shows how white text looks on a background with the Yxy color 51.2426, 0.3416, 0.3513.

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

51.2426, 0.3416, 0.3513

Protanopia

51.3032, 0.3352, 0.3528

Deuteranopia

51.2163, 0.3514, 0.3447



Tritanopia

51.3081, 0.3228, 0.3124

Trichromacy



Original Color

51.2426, 0.3416, 0.3513

Protanomaly

51.1481, 0.3371, 0.3515

Deuteranomaly

51.0321, 0.3476, 0.3460

Tritanomaly

51.1342, 0.3299, 0.3254

Monochromacy



Original Color

51.2426, 0.3416, 0.3513

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3747, 0.3231, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2426, 0.3416, 0.3513 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(204, 187, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 169)  
}
```

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(204, 187, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 169) }
```

Border

The CSS property to change the border of an element to Yxy 51.2426, 0.3416, 0.3513 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(204, 187, 169) }
```

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

```
.border{ border-color:rgb(204, 187, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 187, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2426, 0.3416, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 169) }
```

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

```
.background{ background-color: rgb(204,  
187, 169) }
```

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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