

Converting Colors

Yxy(51.3447, 0.3487, 0.3427)

Have a look what the booklet for
Yxy(51.3447, 0.3487, 0.3427)
contains.

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Color

Yxy(51.1417, 0.3488, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	D6B7AC
RGB	214, 183, 172
RGB Percent	84%, 72%, 67%
CMY	0.1607, 0.2823, 0.3255
CMYK	0.00, 0.14, 0.20, 0.16
HSL	16°, 34%, 76%
HSV	16°, 20%, 84%
XYZ	52.1128, 51.1417, 46.1515
YIQ	191.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

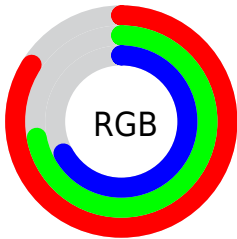
Format	Color
R_{YB}	214, 187, 172
Decimal	14071724
CIE _{Lab}	76.76, 9.39, 9.70
CIE _{LCh}	77, 13.501, 45.953
Yxy	51.1417, 0.3488, 0.3423
Android (android.graphics.Color)	4292261804 (0xFFD6B7AC)
YUV	191.0150, -9.3744, 20.1578
Hunter-Lab	71.5134, 4.9270, 11.7963

Details

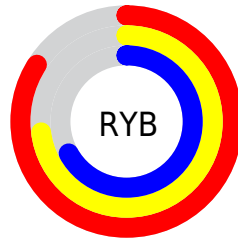
The Yxy color **51.1417, 0.3488, 0.3423** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.3384, 0.2827, 0.3153**, and the grayscale version is **52.1568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5391, 0.3310, 0.3409**, and **24.6923, 0.3588, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **44.2327, 0.3726, 0.3496**, and if you desaturate by 10%, it is **58.9189, 0.3288, 0.3353**.

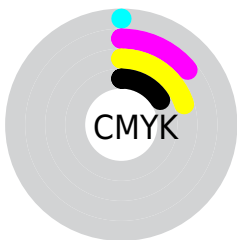
Distribution



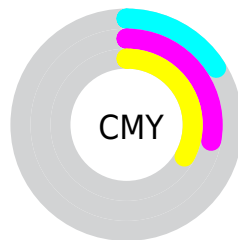
- Red (84%)
- Green (72%)
- Blue (67%)



- Red (84%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1417, 0.3488, 0.3423 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 51.1417, 0.3488, 0.3423 by changing the saturation by 10% instead.


 51.1417, 0.3488,
0.3423

 51.1417, 0.3488,
0.3423

391.1141, 0.3309,
0.3360

 36.3214, 0.3532,
0.3438


 91.8642, 0.3423,
0.3401

 24.6825, 0.3589,
0.3456


118.5352, 0.3399,
0.3392

 15.8407, 0.3663,
0.3479

149.9252, 0.3378,
0.3385

 9.4115, 0.3766,
0.3510

186.4185, 0.3361,
0.3379

 5.0105, 0.3917,
0.3551

228.3997, 0.3345,
0.3373

 2.2534, 0.4160,
0.3608

276.2531, 0.3332,

 0.7489, 0.5161,

0.3368

0.4091

330.3631, 0.3320,
0.3364

0.0000, 0.0000,
0.0000

51.1417, 0.3488,
0.3423

51.1417, 0.3488,
0.3423

44.2327, 0.3726,
0.3496

58.9189, 0.3288,
0.3353

38.1546, 0.4006,
0.3568

67.5862, 0.3122,
0.3288

32.8774, 0.4331,
0.3634

77.1733, 0.2982,
0.3227

28.3670, 0.4695,
0.3686

87.5380, 0.2879,
0.3199

24.5862, 0.5082,
0.3714

93.0375, 0.2883,
0.3289

■ 21.4949, 0.5463,
0.3706

■ 19.0486, 0.5799,
0.3654

■ 17.1910, 0.6058,
0.3568

■ 17.1325, 0.6066,
0.3565

Harmonies

Analogous

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



51.1417, 0.3418, 0.3267



51.1417, 0.3488, 0.3423



51.1417, 0.3458, 0.3550

Triad

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



51.1417, 0.3488, 0.3423



51.1417, 0.2983, 0.3468



51.1417, 0.2914, 0.2982

Complementary

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



51.1417, 0.3488, 0.3423



56.3384, 0.2827, 0.3153

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.



51.1417, 0.2805, 0.3025



51.1417, 0.3488, 0.3423



51.1417, 0.2844, 0.3303

Square

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



51.1417, 0.3488, 0.3423



51.1417, 0.3163, 0.3583



51.1417, 0.2779, 0.3140



51.1417, 0.3083, 0.3018

Rectangle

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



51.1417, 0.3488, 0.3423



51.1417, 0.3386, 0.3600



51.1417, 0.2779, 0.3140



51.1417, 0.2870, 0.2988

Sweetspot

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



51.1440, 0.3488, 0.3423



92.0595, 0.3225, 0.3329



48.1368, 0.3237, 0.2922



19.5259, 0.3237, 0.3334



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.



51.1440, 0.3488, 0.3423



71.1573, 0.3592, 0.3456



60.2270, 0.3443, 0.3660



12.9446, 0.3285, 0.3352



10.4997, 0.6041, 0.3585



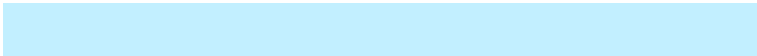
0.7688, 0.5696, 0.3859

Inverse Universe

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



56.3384, 0.2827, 0.3153



80.3761, 0.2758, 0.3117



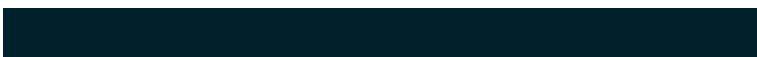
47.2863, 0.2811, 0.2890



13.5316, 0.2982, 0.3227



17.8790, 0.2006, 0.2422



1.2096, 0.2053, 0.2590

Previews

White Background



This preview shows how the Yxy color 51.1417, 0.3488, 0.3423 looks on a white background.

Color Contrast Check

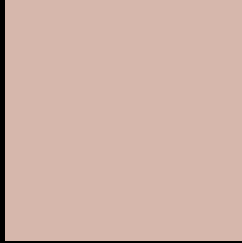
Large Text (above 18pt) WCAG AA × Fail

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 51.1417, 0.3488, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

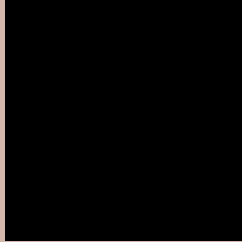
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1417, 0.3488, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 51.1417, 0.3488, 0.3423.



This preview shows how white text looks on a background with the Yxy color 51.1417, 0.3488, 0.3423.

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

51.1417, 0.3488, 0.3423

Protanopia

51.2261, 0.3295, 0.3466

Deuteranopia

51.1417, 0.3488, 0.3423



Tritanopia

51.2893, 0.3333, 0.3127

Trichromacy



Original Color

51.1417, 0.3488, 0.3423

Protanomaly

51.2932, 0.3366, 0.3451

Deuteranomaly

51.1417, 0.3488, 0.3423

Tritanomaly

51.1918, 0.3390, 0.3232

Monochromacy



Original Color

51.1417, 0.3488, 0.3423

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5692, 0.3250, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1417, 0.3488, 0.3423 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(214, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 172)  
}
```

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(214, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 172) }
```

Border

The CSS property to change the border of an element to Yxy 51.1417, 0.3488, 0.3423 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(214, 183, 172) }
```

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

```
.border{ border-color:rgb(214, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1417, 0.3488, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 172) }
```

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

```
.background{ background-color: rgb(214,  
183, 172) }
```

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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