

Converting Colors

$Y_{xy}(52.5255, 0.3564, 0.3419)$

Have a look what the booklet for
Yxy(52.5255, 0.3564, 0.3419)
contains.

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Color

Yxy(52.5335, 0.3568, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	DFB7AC
RGB	223, 183, 172
RGB Percent	87%, 72%, 67%
CMY	0.1255, 0.2823, 0.3256
CMYK	0.00, 0.18, 0.23, 0.13
HSL	13°, 44%, 77%
HSV	13°, 23%, 87%
XYZ	54.8069, 52.5335, 46.2663
YIQ	193.7060, 27.3710, 5.0590

Conversions

Conversions Part 2

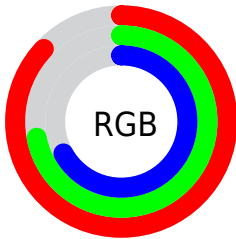
Format	Color
R _Y B	223, 186, 172
Decimal	14661548
CIE Lab	77.60, 12.73, 11.02
CIE LCh	78, 16.832, 40.886
Yxy	52.5335, 0.3568, 0.3420
Android (android.graphics.Color)	4292851628 (0xFFDFB7AC)
YUV	193.7060, -10.7011, 25.6908
Hunter-Lab	72.4800, 8.1356, 12.8893

Details

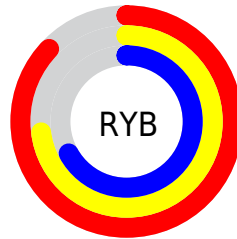
The Yxy color **52.5335, 0.3568, 0.3420** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.1573, 0.2779, 0.3156**, and the grayscale version is **53.8181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5391, 0.3310, 0.3409**, and **25.5368, 0.3685, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **44.9828, 0.3827, 0.3481**, and if you desaturate by 10%, it is **61.1277, 0.3352, 0.3361**.

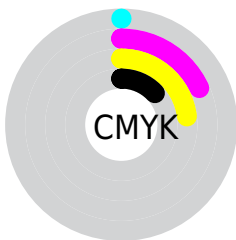
Distribution



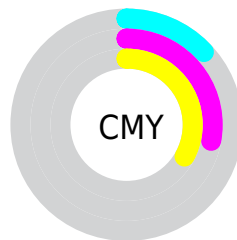
- Red (87%)
- Green (72%)
- Blue (67%)



- Red (87%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5335, 0.3568, 0.3420 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 52.5335, 0.3568, 0.3420 by changing the saturation by 10% instead.


 52.5335, 0.3568,
0.3420

 52.5335, 0.3568,
0.3420


396.4928, 0.3350,
0.3360

 37.4305, 0.3621,
0.3433


 93.9176, 0.3489,
0.3399

 25.5410, 0.3690,
0.3450


120.9674, 0.3460,
0.3391

 16.4806, 0.3779,
0.3470


152.7683, 0.3435,
0.3384

 9.8648, 0.3903,
0.3496

189.7047, 0.3413,
0.3378

 5.3094, 0.4083,
0.3529

232.1610, 0.3394,
0.3373

 2.4299, 0.4367,
0.3569

280.5214, 0.3378,

 0.8412, 0.5359,

0.3368

0.3956

335.1706, 0.3363,
0.3364

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5335, 0.3568,
0.3420

52.5335, 0.3568,
0.3420

44.9828, 0.3827,
0.3481

61.1277, 0.3352,
0.3361

38.4285, 0.4134,
0.3539

70.7958, 0.3173,
0.3305

32.8307, 0.4489,
0.3591

81.5760, 0.3024,
0.3254

28.1438, 0.4883,
0.3626

93.0987, 0.2934,
0.3268

■ 24.3185, 0.5293,
0.3635

■ 94.4265, 0.2935,
0.3289

■ 21.3004, 0.5680,
0.3610

■ 19.0286, 0.5995,
0.3546

■ 17.8211, 0.6164,
0.3488

Harmonies

Analogous

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



52.5335, 0.3461, 0.3228



52.5335, 0.3568, 0.3420



52.5335, 0.3551, 0.3587

Triad

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



52.5335, 0.3568, 0.3420



52.5335, 0.2984, 0.3542



52.5335, 0.2835, 0.2914

Complementary

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



52.5335, 0.3568, 0.3420



61.1573, 0.2779, 0.3156

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.



52.5335, 0.2718, 0.2980



52.5335, 0.3568, 0.3420



52.5335, 0.2801, 0.3341

Square

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



52.5335, 0.3568, 0.3420



52.5335, 0.3209, 0.3669



52.5335, 0.2706, 0.3134



52.5335, 0.3033, 0.2943

Rectangle

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



52.5335, 0.3568, 0.3420



52.5335, 0.3473, 0.3662



52.5335, 0.2706, 0.3134



52.5335, 0.2786, 0.2925

Sweetspot

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



52.5359, 0.3568, 0.3420



90.3012, 0.3243, 0.3328



49.9743, 0.3237, 0.2830



19.1566, 0.3254, 0.3331



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.



52.5359, 0.3568, 0.3420



66.6073, 0.3674, 0.3446



63.6225, 0.3507, 0.3697



14.1789, 0.3287, 0.3341



10.6152, 0.6140, 0.3506



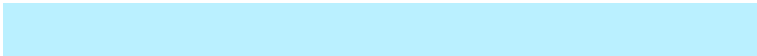
0.8670, 0.5844, 0.3742

Inverse Universe

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



61.1573, 0.2779, 0.3156



80.0581, 0.2716, 0.3128



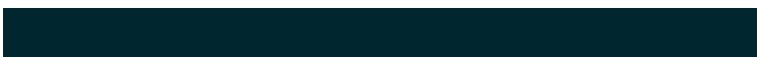
49.7534, 0.2755, 0.2847



15.0426, 0.2982, 0.3238



21.2743, 0.2050, 0.2581



1.6012, 0.2084, 0.2702

Previews

White Background



This preview shows how the Yxy color 52.5335, 0.3568, 0.3420 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 52.5335, 0.3568, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

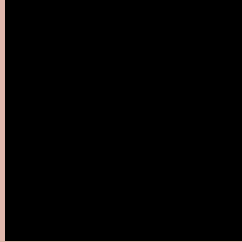
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5335, 0.3568, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 52.5335, 0.3568, 0.3420.



This preview shows how white text looks on a background with the Yxy color 52.5335, 0.3568, 0.3420.

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

52.5335, 0.3568, 0.3420

Protanopia

52.5383, 0.3310, 0.3476

Deuteranopia

52.5819, 0.3519, 0.3445



Tritanopia

52.7063, 0.3412, 0.3131

Trichromacy



Original Color

52.5335, 0.3568, 0.3420

Protanomaly

52.4715, 0.3400, 0.3448

Deuteranomaly

52.4752, 0.3539, 0.3432

Tritanomaly

52.6005, 0.3469, 0.3234

Monochromacy



Original Color

52.5335, 0.3568, 0.3420

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3512, 0.3283, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5335, 0.3568, 0.3420 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(223, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 172) }
```

Border

The CSS property to change the border of an element to Yxy 52.5335, 0.3568, 0.3420 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(223, 183, 172) }
```

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

```
.border{ border-color:rgb(223, 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(223, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 183, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 183, 172); box-shadow:4px 4px 4px 4px rgb(223, 183, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5335, 0.3568, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 172) }
```

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

```
.background{ background-color: rgb(223,  
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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