

Converting Colors

Yxy(52.4419, 0.3492, 0.3474)

Have a look what the booklet for
Yxy(52.4419, 0.3492, 0.3474)
contains.

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Color

Yxy(52.3542, 0.3490, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	D6BAAB
RGB	214, 186, 171
RGB Percent	84%, 73%, 67%
CMY	0.1607, 0.2706, 0.3296
CMYK	0.00, 0.13, 0.20, 0.16
HSL	21°, 34%, 75%
HSV	21°, 20%, 84%
XYZ	52.6408, 52.3542, 45.8382
YIQ	192.6620, 21.5030, 1.2710

Conversions

Conversions Part 2

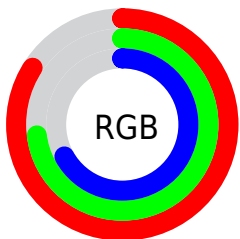
Format	Color
R _Y B	214, 194, 171
Decimal	14072491
CIE Lab	77.49, 7.63, 11.30
CIE LCh	77, 13.633, 55.975
Yxy	52.3542, 0.3490, 0.3471
Android (android.graphics.Color)	4292262571 (0xFFD6BAAB)
YUV	192.6620, -10.6794, 18.7134
Hunter-Lab	72.3562, 3.2395, 13.0887

Details

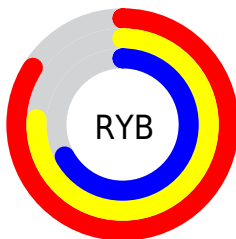
The Yxy color **52.3542, 0.3490, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3418, 0.2816, 0.3102**, and the grayscale version is **53.1746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2552, 0.3313, 0.3448**, and **25.4779, 0.3589, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **46.0220, 0.3718, 0.3567**, and if you desaturate by 10%, it is **59.3949, 0.3295, 0.3378**.

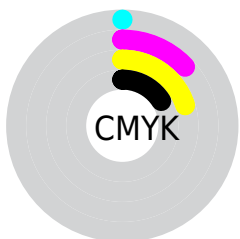
Distribution



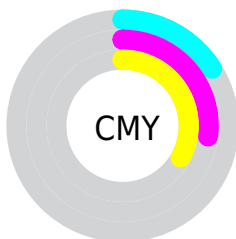
- Red (84%)
- Green (73%)
- Blue (67%)



- Red (84%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3542, 0.3490, 0.3471 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 52.3542, 0.3490, 0.3471 by changing the saturation by 10% instead.


 52.3542, 0.3490,
0.3471

 52.3542, 0.3490,
0.3471

395.8025, 0.3311,
0.3385

 37.2875, 0.3534,
0.3491


 93.6534, 0.3425,
0.3441

 25.4302, 0.3590,
0.3517


120.6547, 0.3401,
0.3429

 16.3978, 0.3664,
0.3549


152.4029, 0.3380,
0.3419

 9.8061, 0.3765,
0.3592

189.2825, 0.3363,
0.3410

 5.2706, 0.3912,
0.3652

231.6779, 0.3347,
0.3403

 2.4069, 0.4145,
0.3737

279.9734, 0.3334,

 0.8294, 0.5102,

0.3396

0.4310

334.5535, 0.3322,
0.3390

0.0000, 0.0000,
0.0000

52.3542, 0.3490,
0.3471

52.3542, 0.3490,
0.3471

46.0220, 0.3718,
0.3567

59.3949, 0.3295,
0.3378

40.3686, 0.3983,
0.3663

67.1585, 0.3129,
0.3291

35.3725, 0.4283,
0.3751

75.6679, 0.2988,
0.3210

31.0082, 0.4613,
0.3823

84.8418, 0.2877,
0.3152

27.2486, 0.4960,
0.3867

93.0382, 0.2883,
0.3289

■ 24.0640, 0.5301,
0.3870

■ 21.4219, 0.5606,
0.3824

■ 19.3011, 0.5852,
0.3735

Harmonies

Analogous

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



52.3542, 0.3452, 0.3320



52.3542, 0.3490, 0.3471



52.3542, 0.3427, 0.3580

Triad

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



52.3542, 0.3490, 0.3471



52.3542, 0.2929, 0.3416



52.3542, 0.2965, 0.2985

Complementary

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



52.3542, 0.3490, 0.3471



54.3418, 0.2816, 0.3102

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.



52.3542, 0.2832, 0.3001



52.3542, 0.3490, 0.3471



52.3542, 0.2812, 0.3246

Square

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



52.3542, 0.3490, 0.3471



52.3542, 0.3101, 0.3553



52.3542, 0.2777, 0.3094



52.3542, 0.3145, 0.3046

Rectangle

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



52.3542, 0.3490, 0.3471



52.3542, 0.3338, 0.3612



52.3542, 0.2777, 0.3094



52.3542, 0.2914, 0.2982

Sweetspot

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



52.3566, 0.3490, 0.3471



92.8663, 0.3224, 0.3342



47.5632, 0.3270, 0.2953



19.7162, 0.3235, 0.3348



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.



52.3566, 0.3490, 0.3471



73.8414, 0.3580, 0.3510



61.7841, 0.3444, 0.3710



13.1235, 0.3282, 0.3372



11.8416, 0.5825, 0.3757



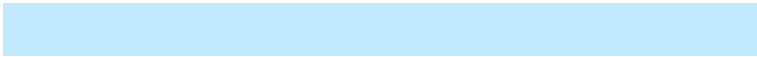
0.8670, 0.5492, 0.4022

Inverse Universe

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



54.3418, 0.2816, 0.3102



77.2893, 0.2753, 0.3058



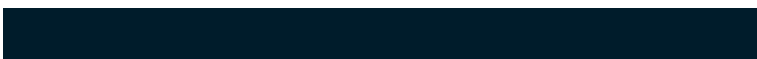
45.4039, 0.2799, 0.2832



13.3434, 0.2982, 0.3207



14.3360, 0.1920, 0.2111



1.0171, 0.1983, 0.2338

Previews

White Background



This preview shows how the Yxy color 52.3542, 0.3490, 0.3471 looks on a white background.

Color Contrast Check

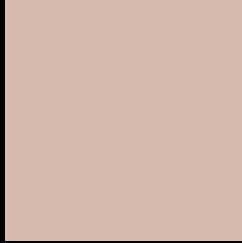
Large Text (above 18pt) WCAG AA × Fail

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 52.3542, 0.3490, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

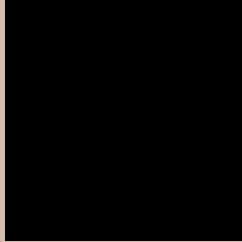
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3542, 0.3490, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 52.3542, 0.3490, 0.3471.



This preview shows how white text looks on a background with the Yxy color 52.3542, 0.3490, 0.3471.

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

52.3542, 0.3490, 0.3471

Protanopia

52.4597, 0.3325, 0.3501

Deuteranopia

52.5436, 0.3527, 0.3457



Tritanopia

52.1931, 0.3314, 0.3128

Trichromacy



Original Color

52.3542, 0.3490, 0.3471

Protanomaly

52.2497, 0.3380, 0.3487

Deuteranomaly

52.3899, 0.3518, 0.3457

Tritanomaly

52.0538, 0.3379, 0.3244

Monochromacy



Original Color

52.3542, 0.3490, 0.3471

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7472, 0.3257, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3542, 0.3490, 0.3471 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, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 171)  
}
```

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, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.3542, 0.3490, 0.3471 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, 186, 171) }
```

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

```
.border{ border-color:rgb(214, 186, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3542, 0.3490, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 171) }
```

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

```
.background{ background-color: rgb(214,  
186, 171) }
```

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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