

Converting Colors

Yxy(52.8207, 0.3488, 0.3520)

Have a look what the booklet for
Yxy(52.8207, 0.3488, 0.3520)
contains.

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Color

Yxy(52.8281, 0.3484, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	D4BCA9
RGB	212, 188, 169
RGB Percent	83%, 74%, 66%
CMY	0.1687, 0.2627, 0.3374
CMYK	0.00, 0.11, 0.20, 0.17
HSL	27°, 33%, 75%
HSV	27°, 20%, 83%
XYZ	52.2878, 52.8281, 44.9639
YIQ	193.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

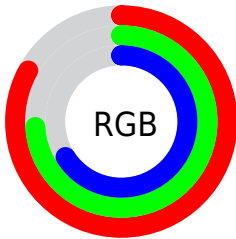
Format	Color
RYB	212, 203, 169
Decimal	13941929
CIELab	77.77, 5.50, 12.74
CIELCh	78, 13.878, 66.669
Yxy	52.8281, 0.3484, 0.3520
Android (android.graphics.Color)	4292132009 (0xFFD4BCA9)
YUV	193.0100, -11.8369, 16.6542
Hunter-Lab	72.6829, 1.2170, 14.1994

Details

The Yxy color **52.8281, 0.3484, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2925, 0.2811, 0.3048**, and the grayscale version is **53.3952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3432, 0.3323, 0.3487**, and **25.7804, 0.3580, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **47.2565, 0.3701, 0.3640**, and if you desaturate by 10%, it is **58.9464, 0.3295, 0.3403**.

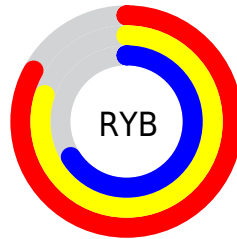
Distribution



Red (83%)

Green (74%)

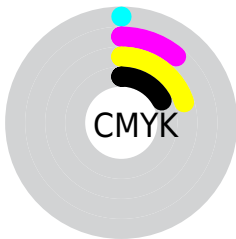
Blue (66%)



Red (83%)

Yellow (80%)

Blue (66%)

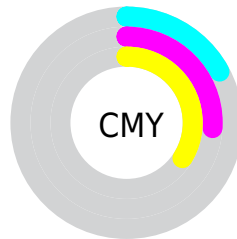


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (17%)



Cyan (17%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8281, 0.3484, 0.3520 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 52.8281, 0.3484, 0.3520 by changing the saturation by 10% instead.

 52.8281, 0.3484,
0.3520

 52.8281, 0.3484,
0.3520


397.6253, 0.3308,
0.3409

 37.6656, 0.3527,
0.3546


 94.3514, 0.3421,
0.3481

 25.7232, 0.3581,
0.3579


121.4809, 0.3397,
0.3466

 16.6167, 0.3653,
0.3622


153.3682, 0.3377,
0.3453

 9.9616, 0.3751,
0.3679

190.3977, 0.3359,
0.3442

 5.3735, 0.3893,
0.3758

232.9537, 0.3344,
0.3432

 2.4680, 0.4115,
0.3874

281.4207, 0.3331,

 0.8606, 0.5135,

0.3424

0.4618

336.1831, 0.3319,
0.3416

0.0000, 0.0000,
0.0000

52.8281, 0.3484,
0.3520

52.8281, 0.3484,
0.3520

47.2565, 0.3701,
0.3640

58.9464, 0.3295,
0.3403

42.2084, 0.3946,
0.3760

65.6196, 0.3131,
0.3293

37.6694, 0.4218,
0.3872

72.8646, 0.2990,
0.3190

33.6213, 0.4512,
0.3966

80.6955, 0.2869,
0.3096

30.0449, 0.4814,
0.4031

87.7728, 0.2868,
0.3207

■ 26.9193, 0.5108,
0.4052

■ 92.7328, 0.2871,
0.3289

■ 24.2210, 0.5372,
0.4021

■ 21.9771, 0.5588,
0.3945

Harmonies

Analogous

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



52.8281, 0.3483, 0.3377



52.8281, 0.3484, 0.3520



52.8281, 0.3387, 0.3607

Triad

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



52.8281, 0.3484, 0.3520



52.8281, 0.2876, 0.3358



52.8281, 0.3025, 0.2994

Complementary

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



52.8281, 0.3484, 0.3520



51.2925, 0.2811, 0.3048

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.



52.8281, 0.2868, 0.2982



52.8281, 0.3484, 0.3520



52.8281, 0.2785, 0.3186

Square

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



52.8281, 0.3484, 0.3520



52.8281, 0.3035, 0.3515



52.8281, 0.2782, 0.3049



52.8281, 0.3213, 0.3080

Rectangle

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



52.8281, 0.3484, 0.3520



52.8281, 0.3282, 0.3618



52.8281, 0.2782, 0.3049



52.8281, 0.2967, 0.2981

Sweetspot

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



52.8305, 0.3484, 0.3520



93.7351, 0.3223, 0.3356



46.2248, 0.3309, 0.3000



19.9213, 0.3234, 0.3363



0.0000, 0.0000, 0.0000



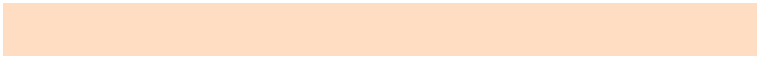
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8305, 0.3484, 0.3520



76.8090, 0.3567, 0.3568



62.5089, 0.3437, 0.3761



13.3170, 0.3280, 0.3394



13.7645, 0.5565, 0.3964



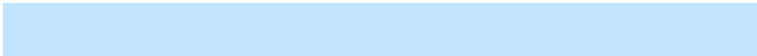
0.9937, 0.5269, 0.4198

Inverse Universe

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



51.2925, 0.2811, 0.3048



74.0918, 0.2747, 0.2995



42.6289, 0.2793, 0.2771



13.1446, 0.2982, 0.3184



11.1516, 0.1828, 0.1781



0.8365, 0.1907, 0.2066

Previews

White Background



This preview shows how the Yxy color 52.8281, 0.3484, 0.3520 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 52.8281, 0.3484, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

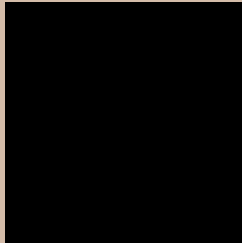
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8281, 0.3484, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 52.8281, 0.3484, 0.3520.



This preview shows how white text looks on a background with the Yxy color 52.8281, 0.3484, 0.3520.

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

52.8281, 0.3484, 0.3520

Protanopia

53.0571, 0.3365, 0.3550

Deuteranopia

52.6603, 0.3544, 0.3468



Tritanopia

52.9571, 0.3287, 0.3128

Trichromacy



Original Color

52.8281, 0.3484, 0.3520

Protanomaly

53.1430, 0.3409, 0.3548

Deuteranomaly

52.6190, 0.3516, 0.3482

Tritanomaly

52.7329, 0.3367, 0.3267

Monochromacy



Original Color

52.8281, 0.3484, 0.3520

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0017, 0.3255, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8281, 0.3484, 0.3520 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(212, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 188, 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(212, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 52.8281, 0.3484, 0.3520 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(212, 188, 169) }
```

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

```
.border{ border-color:rgb(212, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8281, 0.3484, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 188, 169) }
```

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

```
.background{ background-color: rgb(212,  
188, 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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