

Converting Colors

Yxy(52.6032, 0.3566, 0.3529)

Have a look what the booklet for
Yxy(52.6032, 0.3566, 0.3529)
contains.

Yxy(52.7764, 0.3567, 0.3528)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7764, 0.3567, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	DABAA6
RGB	218, 186, 166
RGB Percent	85%, 73%, 65%
CMY	0.1450, 0.2706, 0.3490
CMYK	0.00, 0.15, 0.24, 0.15
HSL	23°, 41%, 75%
HSV	23°, 24%, 85%
XYZ	53.3598, 52.7764, 43.4568
YIQ	193.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

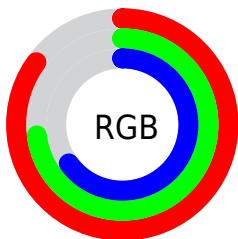
Format	Color
R _Y B	218, 199, 166
Decimal	14334630
CIE Lab	77.74, 8.41, 14.37
CIE LCh	78, 16.652, 59.670
Yxy	52.7764, 0.3567, 0.3528
Android (android.graphics.Color)	4292524710 (0xFFDABAA6)
YUV	193.2880, -13.4530, 21.6724
Hunter-Lab	72.6474, 3.9761, 15.3866

Details

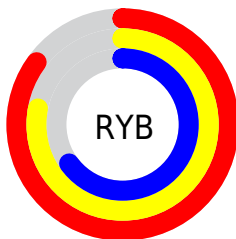
The Yxy color **52.7764, 0.3567, 0.3528** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.5742, 0.2756, 0.3039**, and the grayscale version is **53.5787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9847, 0.3344, 0.3498**, and **25.6713, 0.3683, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **46.6525, 0.3803, 0.3634**, and if you desaturate by 10%, it is **59.5721, 0.3363, 0.3425**.

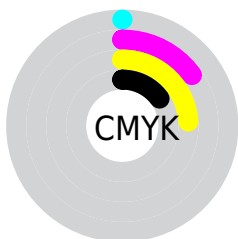
Distribution



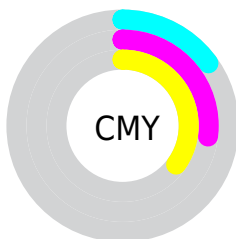
- Red (85%)
- Green (73%)
- Blue (65%)



- Red (85%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7764, 0.3567, 0.3528 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 52.7764, 0.3567, 0.3528 by changing the saturation by 10% instead.

 52.7764, 0.3567,
0.3528

 52.7764, 0.3567,
0.3528


397.4267, 0.3350,
0.3415

 37.6243, 0.3620,
0.3554


 94.2753, 0.3489,
0.3488

 25.6912, 0.3687,
0.3587


 121.3908, 0.3460,
0.3473

 16.5928, 0.3776,
0.3629


153.2630, 0.3434,
0.3460

 9.9446, 0.3897,
0.3684

190.2761, 0.3413,
0.3448

 5.3622, 0.4072,
0.3758

232.8147, 0.3394,
0.3438

 2.4613, 0.4344,
0.3861

281.2630, 0.3378,

 0.8572, 0.5465,

0.3430

0.4535

336.0056, 0.3363,
0.3422

0.0000, 0.0000,
0.0000

52.7764, 0.3567,
0.3528

52.7764, 0.3567,
0.3528

46.6525, 0.3803,
0.3634

59.5721, 0.3363,
0.3425

41.1718, 0.4073,
0.3737

67.0527, 0.3188,
0.3326

36.3140, 0.4375,
0.3829

75.2400, 0.3038,
0.3234

32.0551, 0.4699,
0.3900

84.1528, 0.2910,
0.3150

28.3690, 0.5030,
0.3938

92.4513, 0.2905,
0.3270

■ 25.2273, 0.5345,
0.3928

■ 93.6480, 0.2906,
0.3289

■ 22.5985, 0.5616,
0.3866

■ 21.2151, 0.5759,
0.3809

Harmonies

Analogous

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



52.7764, 0.3536, 0.3348



52.7764, 0.3567, 0.3528



52.7764, 0.3475, 0.3654

Triad

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



52.7764, 0.3567, 0.3528



52.7764, 0.2864, 0.3419



52.7764, 0.2954, 0.2926

Complementary

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



52.7764, 0.3567, 0.3528



53.5742, 0.2756, 0.3039

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.



52.7764, 0.2784, 0.2932



52.7764, 0.3567, 0.3528



52.7764, 0.2734, 0.3209

Square

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



52.7764, 0.3567, 0.3528



52.7764, 0.3067, 0.3597



52.7764, 0.2706, 0.3032



52.7764, 0.3176, 0.3009

Rectangle

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



52.7764, 0.3567, 0.3528



52.7764, 0.3359, 0.3686



52.7764, 0.2706, 0.3032



52.7764, 0.2890, 0.2917

Sweetspot

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



52.7788, 0.3567, 0.3528



92.0904, 0.3241, 0.3357



46.2664, 0.3326, 0.2916



19.5702, 0.3251, 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.



52.7788, 0.3567, 0.3528



70.4296, 0.3691, 0.3585



64.7236, 0.3500, 0.3818



13.8678, 0.3282, 0.3380



12.9012, 0.5732, 0.3830



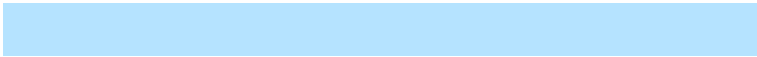
0.9995, 0.5429, 0.4072

Inverse Universe

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



53.5742, 0.2756, 0.3039



71.7592, 0.2672, 0.2974



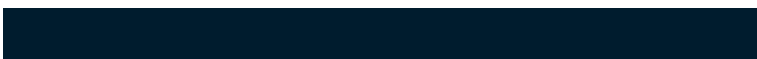
42.7071, 0.2728, 0.2700



13.9454, 0.2982, 0.3198



13.4986, 0.1885, 0.1986



1.0394, 0.1950, 0.2221

Previews

White Background



This preview shows how the Yxy color 52.7764, 0.3567, 0.3528 looks on a white background.

Color Contrast Check

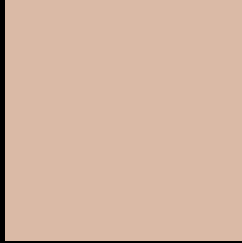
Large Text (above 18pt) WCAG AA × Fail

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 52.7764, 0.3567, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

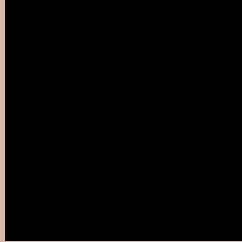
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7764, 0.3567, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 52.7764, 0.3567, 0.3528.



This preview shows how white text looks on a background with the Yxy color 52.7764, 0.3567, 0.3528.

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

52.7764, 0.3567, 0.3528

Protanopia

52.9814, 0.3380, 0.3575

Deuteranopia

52.6667, 0.3587, 0.3515



Tritanopia

52.9710, 0.3357, 0.3130

Trichromacy



Original Color

52.7764, 0.3567, 0.3528

Protanomaly

52.9195, 0.3444, 0.3559

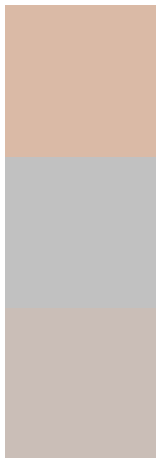
Deuteranomaly

52.5112, 0.3578, 0.3516

Tritanomaly

52.7419, 0.3439, 0.3268

Monochromacy



Original Color

52.7764, 0.3567, 0.3528

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.8024, 0.3281, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7764, 0.3567, 0.3528 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(218, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 166)  
}
```

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(218, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.7764, 0.3567, 0.3528 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(218, 186, 166) }
```

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

```
.border{ border-color:rgb(218, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 186, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 186, 166); box-shadow:4px 4px 4px 4px rgb(218, 186, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7764, 0.3567, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 166) }
```

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

```
.background{ background-color: rgb(218,  
186, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor