

Converting Colors

$Yxy(52.0379, 0.3566, 0.3499)$

Have a look what the booklet for
Yxy(52.0379, 0.3566, 0.3499)
contains.

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Color

Yxy(51.9764, 0.3564, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	DAB8A7
RGB	218, 184, 167
RGB Percent	85%, 72%, 65%
CMY	0.1450, 0.2784, 0.3451
CMYK	0.00, 0.16, 0.23, 0.15
HSL	20°, 41%, 75%
HSV	20°, 23%, 85%
XYZ	53.0329, 51.9764, 43.7923
YIQ	192.2280, 25.7210, 1.9210

Conversions

Conversions Part 2

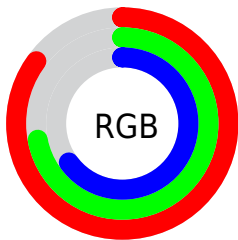
Format	Color
R _Y B	218, 193, 167
Decimal	14334119
CIE Lab	77.27, 9.62, 13.17
CIE LCh	77, 16.311, 53.871
Yxy	51.9764, 0.3564, 0.3493
Android (android.graphics.Color)	4292524199 (0xFFDAB8A7)
YUV	192.2280, -12.4374, 22.6020
Hunter-Lab	72.0947, 5.1391, 14.4519

Details

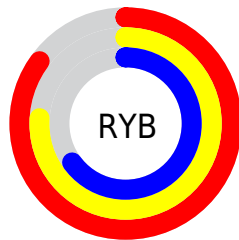
The Yxy color **51.9764, 0.3564, 0.3493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.0581, 0.2766, 0.3078**, and the grayscale version is **52.9172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8541, 0.3341, 0.3468**, and **25.1518, 0.3680, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **45.5071, 0.3807, 0.3585**, and if you desaturate by 10%, it is **59.2070, 0.3357, 0.3403**.

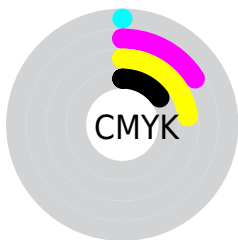
Distribution



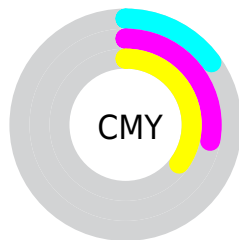
- Red (85%)
- Green (72%)
- Blue (65%)



- Red (85%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (15%)




- Cyan (15%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9764, 0.3564, 0.3493 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 51.9764, 0.3564, 0.3493 by changing the saturation by 10% instead.


 51.9764, 0.3564,
0.3493


 51.9764, 0.3564,
0.3493


394.3455, 0.3348,
0.3397

 36.9863, 0.3617,
0.3515


 93.0964, 0.3486,
0.3459

 25.1969, 0.3685,
0.3543


 119.9951, 0.3457,
0.3446

 16.2238, 0.3774,
0.3578


151.6321, 0.3432,
0.3435

 9.6826, 0.3896,
0.3624

188.3918, 0.3410,
0.3425

 5.1891, 0.4074,
0.3686

230.6586, 0.3392,
0.3417

 2.3586, 0.4354,
0.3770

278.8169, 0.3375,

 0.8045, 0.5565,

0.3410

0.4435

333.2510, 0.3361,
0.3403

0.0000, 0.0000,
0.0000

51.9764, 0.3564,
0.3493

51.9764, 0.3564,
0.3493

45.5071, 0.3807,
0.3585

59.2070, 0.3357,
0.3403

39.7665, 0.4087,
0.3675

67.2159, 0.3181,
0.3318

34.7300, 0.4404,
0.3755

76.0286, 0.3032,
0.3238

30.3689, 0.4750,
0.3816

85.6671, 0.2906,
0.3165

26.6522, 0.5106,
0.3844

93.6487, 0.2906,
0.3289

■ 23.5461, 0.5446,
0.3828

■ 21.0129, 0.5737,
0.3763

■ 19.6289, 0.5896,
0.3700

Harmonies

Analogous

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



51.9764, 0.3510, 0.3311



51.9764, 0.3564, 0.3493



51.9764, 0.3496, 0.3631

Triad

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



51.9764, 0.3564, 0.3493



51.9764, 0.2903, 0.3456



51.9764, 0.2919, 0.2925

Complementary

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



51.9764, 0.3564, 0.3493



55.0581, 0.2766, 0.3078

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.



51.9764, 0.2767, 0.2949



51.9764, 0.3564, 0.3493



51.9764, 0.2758, 0.3250

Square

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



51.9764, 0.3564, 0.3493



51.9764, 0.3111, 0.3617



51.9764, 0.2709, 0.3065



51.9764, 0.3132, 0.2991

Rectangle

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



51.9764, 0.3564, 0.3493



51.9764, 0.3392, 0.3675



51.9764, 0.2709, 0.3065



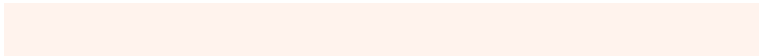
51.9764, 0.2860, 0.2923

Sweetspot

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



51.9788, 0.3564, 0.3493



91.5435, 0.3242, 0.3348



46.8012, 0.3291, 0.2886



19.4437, 0.3252, 0.3353



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.



51.9788, 0.3564, 0.3493



69.5212, 0.3677, 0.3538



63.1355, 0.3501, 0.3772



13.7570, 0.3283, 0.3369



11.9346, 0.5870, 0.3721



0.9286, 0.5552, 0.3974

Inverse Universe

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



55.0581, 0.2766, 0.3078



74.6277, 0.2692, 0.3028



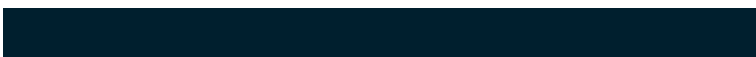
44.4650, 0.2740, 0.2758



14.0603, 0.2982, 0.3210



15.4343, 0.1936, 0.2167



1.1558, 0.1992, 0.2372

Previews

White Background



This preview shows how the Yxy color 51.9764, 0.3564, 0.3493 looks on a white background.

Color Contrast Check

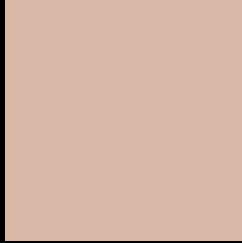
Large Text (above 18pt) WCAG AA × Fail

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 51.9764, 0.3564, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

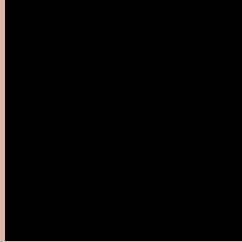
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9764, 0.3564, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 51.9764, 0.3564, 0.3493.



This preview shows how white text looks on a background with the Yxy color 51.9764, 0.3564, 0.3493.

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

51.9764, 0.3564, 0.3493

Protanopia

51.8713, 0.3359, 0.3540

Deuteranopia

51.9764, 0.3564, 0.3493



Tritanopia

51.9097, 0.3368, 0.3129

Trichromacy



Original Color

51.9764, 0.3564, 0.3493

Protanomaly

51.9528, 0.3432, 0.3523

Deuteranomaly

51.9764, 0.3564, 0.3493

Tritanomaly

51.7241, 0.3443, 0.3256

Monochromacy



Original Color

51.9764, 0.3564, 0.3493

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2316, 0.3274, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9764, 0.3564, 0.3493 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, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(218, 184, 167)  
}
```

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, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 184, 167) }
```

Border

The CSS property to change the border of an element to Yxy 51.9764, 0.3564, 0.3493 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, 184, 167) }
```

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

```
.border{ border-color:rgb(218, 184, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 184, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(218, 184,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9764, 0.3564, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 184, 167) }
```

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

```
.background{ background-color: rgb(218,  
184, 167) }
```

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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