

Converting Colors

Yxy(50.2531, 0.3694, 0.3626)

Have a look what the booklet for
Yxy(50.2531, 0.3694, 0.3626)
contains.

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Color

Yxy(50.2531, 0.3694, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	DAB599
RGB	218, 181, 153
RGB Percent	85%, 71%, 60%
CMY	0.1450, 0.2902, 0.4000
CMYK	0.00, 0.17, 0.30, 0.14
HSL	26°, 47%, 73%
HSV	26°, 30%, 86%
XYZ	51.1955, 50.2531, 37.1424
YIQ	188.8710, 31.0400, -0.8640

Conversions

Conversions Part 2

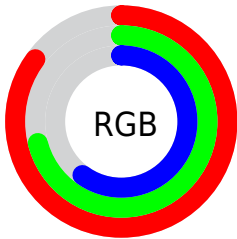
Format	Color
R_{YB}	218, 202, 153
Decimal	14333337
CIE _{Lab}	76.22, 9.30, 19.26
CIE _{LCh}	76, 21.391, 64.229
Yxy	50.2531, 0.3694, 0.3626
Android (android.graphics.Color)	4292523417 (0xFFDAB599)
YUV	188.8710, -17.6844, 25.5461
Hunter-Lab	70.8894, 4.8541, 18.5577

Details

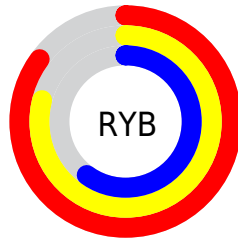
The Yxy color **50.2531, 0.3694, 0.3626** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.6877, 0.2659, 0.2927**, and the grayscale version is **50.9042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3334, 0.3443, 0.3590**, and **24.0790, 0.3849, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **44.7715, 0.3941, 0.3743**, and if you desaturate by 10%, it is **56.3214, 0.3477, 0.3509**.

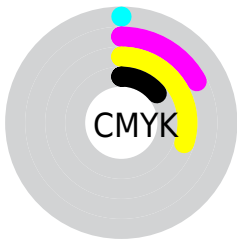
Distribution



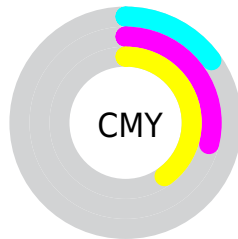
- Red (85%)
- Green (71%)
- Blue (60%)



- Red (85%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (14%)





- Cyan (15%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2531, 0.3694, 0.3626 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 50.2531, 0.3694, 0.3626 by changing the saturation by 10% instead.


 50.2531, 0.3694,
0.3626

 50.2531, 0.3694,
0.3626


387.6549, 0.3413,
0.3466

 35.6145, 0.3763,
0.3663


 90.5498, 0.3592,
0.3570

 24.1366, 0.3851,
0.3709


 116.9767, 0.3554,
0.3548

 15.4350, 0.3967,
0.3768


148.1018, 0.3522,
0.3530

 9.1253, 0.4124,
0.3843

184.3096, 0.3494,
0.3513

 4.8230, 0.4351,
0.3942

225.9844, 0.3469,
0.3499

 2.1438, 0.4734,
0.4101

273.5106, 0.3448,

 0.6891, 0.5616,

0.3487

0.4384

327.2726, 0.3429,
0.3476

0.0000, 0.0000,
0.0000

50.2531, 0.3694,
0.3626

50.2531, 0.3694,
0.3626

44.7715, 0.3941,
0.3743

56.3214, 0.3477,
0.3509

39.8507, 0.4217,
0.3852

62.9873, 0.3288,
0.3395

35.4730, 0.4515,
0.3945

70.2702, 0.3124,
0.3288

31.6169, 0.4824,
0.4007

78.1864, 0.2984,
0.3189

28.2590, 0.5126,
0.4028

86.2906, 0.2902,
0.3167

■ 25.3735, 0.5397,
0.3995

■ 93.6509, 0.2906,
0.3289

■ 22.9248, 0.5624,
0.3915

■ 22.8849, 0.5628,
0.3913

Harmonies

Analogous

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



50.2531, 0.3680, 0.3398



50.2531, 0.3694, 0.3626



50.2531, 0.3550, 0.3779

Triad

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



50.2531, 0.3694, 0.3626



50.2531, 0.2752, 0.3416



50.2531, 0.2942, 0.2830

Complementary

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



50.2531, 0.3694, 0.3626



48.6877, 0.2659, 0.2927

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.



50.2531, 0.2709, 0.2817



50.2531, 0.3694, 0.3626



50.2531, 0.2604, 0.3140

Square

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



50.2531, 0.3694, 0.3626



50.2531, 0.3002, 0.3666



50.2531, 0.2589, 0.2924



50.2531, 0.3235, 0.2953

Rectangle

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



50.2531, 0.3694, 0.3626



50.2531, 0.3387, 0.3811



50.2531, 0.2589, 0.2924



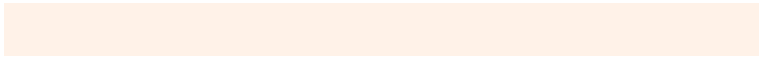
50.2531, 0.2854, 0.2812

Sweetspot

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



50.2554, 0.3694, 0.3626



90.5490, 0.3275, 0.3387



41.4558, 0.3410, 0.2843



19.0689, 0.3300, 0.3403



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.



50.2554, 0.3694, 0.3626



66.4830, 0.3851, 0.3702



64.6071, 0.3592, 0.3975



13.9684, 0.3281, 0.3391



13.9101, 0.5603, 0.3934



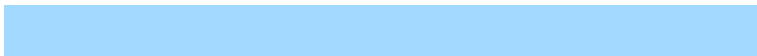
1.0701, 0.5318, 0.4160

Inverse Universe

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



48.6877, 0.2659, 0.2927



63.8823, 0.2556, 0.2834



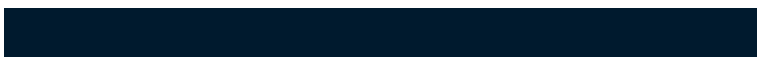
36.4375, 0.2611, 0.2497



13.8423, 0.2982, 0.3187



11.9155, 0.1840, 0.1824



0.9419, 0.1913, 0.2085

Previews

White Background



This preview shows how the Yxy color 50.2531, 0.3694, 0.3626 looks on a white background.

Color Contrast Check

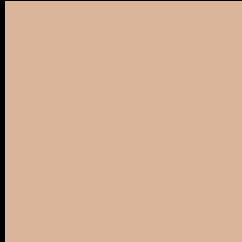
Large Text (above 18pt) WCAG AA × Fail

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 50.2531, 0.3694, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

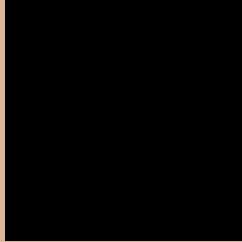
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2531, 0.3694, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 50.2531, 0.3694, 0.3626.



This preview shows how white text looks on a background with the Yxy color 50.2531, 0.3694, 0.3626.

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

50.2531, 0.3694, 0.3626

Protanopia

50.5089, 0.3476, 0.3694

Deuteranopia

50.2531, 0.3694, 0.3626



Tritanopia

50.2544, 0.3426, 0.3140

Trichromacy



Original Color

50.2531, 0.3694, 0.3626

Protanomaly

50.1863, 0.3555, 0.3662

Deuteranomaly

50.2531, 0.3694, 0.3626

Tritanomaly

50.3475, 0.3527, 0.3315

Monochromacy



Original Color

50.2531, 0.3694, 0.3626

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5318, 0.3326, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2531, 0.3694, 0.3626 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, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 181, 153)  
}
```

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, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 181, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.2531, 0.3694, 0.3626 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, 181, 153) }
```

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

```
.border{ border-color:rgb(218, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 181, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 181, 153);  
box-shadow:4px 4px 4px 4px rgb(218, 181,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2531, 0.3694, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 181, 153) }
```

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

```
.background{ background-color: rgb(218,  
181, 153) }
```

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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