

Converting Colors

$Yxy(51.7352, 0.3625, 0.3551)$

Have a look what the booklet for
Yxy(51.7352, 0.3625, 0.3551)
contains.

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Color

Yxy(51.5003, 0.3627, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	DBB7A1
RGB	219, 183, 161
RGB Percent	86%, 72%, 63%
CMY	0.1413, 0.2823, 0.3687
CMYK	0.00, 0.16, 0.26, 0.14
HSL	23°, 45%, 75%
HSV	23°, 26%, 86%
XYZ	52.5729, 51.5003, 40.8756
YIQ	191.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

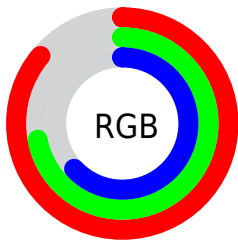
Format	Color
R _Y B	219, 196, 161
Decimal	14399393
CIE Lab	76.98, 9.65, 16.03
CIE LCh	77, 18.717, 58.948
Yxy	51.5003, 0.3627, 0.3553
Android (android.graphics.Color)	4292589473 (0xFFDDBB7A1)
YUV	191.2560, -14.9162, 24.3315
Hunter-Lab	71.7637, 5.1797, 16.4639

Details

The Yxy color **51.5003, 0.3627, 0.3553** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.5910, 0.2715, 0.3011**, and the grayscale version is **52.3317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9509, 0.3381, 0.3519**, and **24.8559, 0.3767, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **45.4629, 0.3873, 0.3658**, and if you desaturate by 10%, it is **58.2180, 0.3414, 0.3450**.

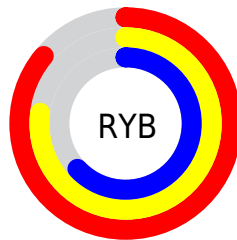
Distribution



Red (86%)

Green (72%)

Blue (63%)



Red (86%)

Yellow (77%)

Blue (63%)

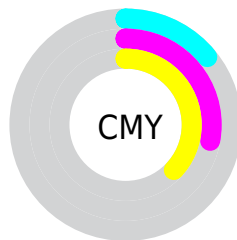


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (28%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5003, 0.3627, 0.3553 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 51.5003, 0.3627, 0.3553 by changing the saturation by 10% instead.


 51.5003, 0.3627,
0.3553


 51.5003, 0.3627,
0.3553


392.5044, 0.3380,
0.3428

 36.6069, 0.3688,
0.3582

 92.3939, 0.3538,
0.3509

 24.9033, 0.3765,
0.3618


 119.1629, 0.3504,
0.3492

 16.0050, 0.3867,
0.3663


150.6592, 0.3476,
0.3478

 9.5277, 0.4006,
0.3722

187.2672, 0.3451,
0.3465

 5.0870, 0.4208,
0.3801

229.3714, 0.3430,
0.3454

 2.2984, 0.4521,
0.3906

277.3560, 0.3411,

 0.7728, 0.5583,

0.3445

0.4417

331.6056, 0.3394,
0.3436

0.0000, 0.0000,
0.0000

51.5003, 0.3627,
0.3553

51.5003, 0.3627,
0.3553

45.4629, 0.3873,
0.3658

58.2180, 0.3414,
0.3450

40.0764, 0.4153,
0.3758

65.6300, 0.3231,
0.3351

35.3196, 0.4463,
0.3844

73.7588, 0.3075,
0.3258

31.1673, 0.4793,
0.3907

82.6239, 0.2942,
0.3173

27.5922, 0.5125,
0.3932

91.2072, 0.2910,
0.3248

■ 24.5644, 0.5433,
0.3908

■ 93.7965, 0.2911,
0.3289

■ 22.0500, 0.5690,
0.3832

■ 21.2759, 0.5771,
0.3800

Harmonies

Analogous

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



51.5003, 0.3589, 0.3349



51.5003, 0.3627, 0.3553



51.5003, 0.3525, 0.3699

Triad

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



51.5003, 0.3627, 0.3553



51.5003, 0.2834, 0.3442



51.5003, 0.2926, 0.2878

Complementary

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



51.5003, 0.3627, 0.3553



52.5910, 0.2715, 0.3011

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.



51.5003, 0.2736, 0.2886



51.5003, 0.3627, 0.3553



51.5003, 0.2686, 0.3202

Square

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



51.5003, 0.3627, 0.3553



51.5003, 0.3064, 0.3644



51.5003, 0.2651, 0.3001



51.5003, 0.3176, 0.2970

Rectangle

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



51.5003, 0.3627, 0.3553



51.5003, 0.3395, 0.3739



51.5003, 0.2651, 0.3001



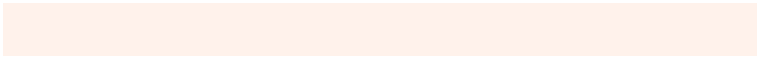
51.5003, 0.2853, 0.2869

Sweetspot

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



51.5027, 0.3627, 0.3553



90.9492, 0.3258, 0.3366



44.6013, 0.3344, 0.2862



19.1183, 0.3285, 0.3381



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.



51.5027, 0.3627, 0.3553



67.6731, 0.3765, 0.3614



64.3385, 0.3546, 0.3868



13.8585, 0.3282, 0.3379



12.8140, 0.5744, 0.3821



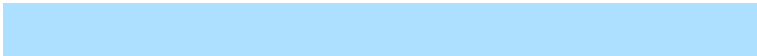
0.9933, 0.5439, 0.4063

Inverse Universe

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



52.5910, 0.2715, 0.3011



69.4563, 0.2626, 0.2940



40.9553, 0.2680, 0.2638



13.9550, 0.2982, 0.3199



13.6538, 0.1889, 0.2001



1.0488, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 51.5003, 0.3627, 0.3553 looks on a white background.

Color Contrast Check

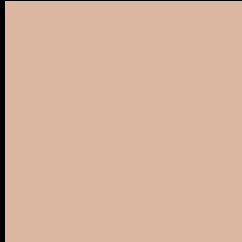
Large Text (above 18pt) WCAG AA × Fail

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 51.5003, 0.3627, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

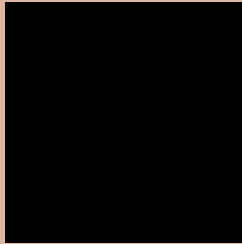
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5003, 0.3627, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 51.5003, 0.3627, 0.3553.



This preview shows how white text looks on a background with the Yxy color 51.5003, 0.3627, 0.3553.

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

51.5003, 0.3627, 0.3553

Protanopia

51.7866, 0.3416, 0.3615

Deuteranopia

51.5003, 0.3627, 0.3553



Tritanopia

51.3345, 0.3406, 0.3130

Trichromacy



Original Color

51.5003, 0.3627, 0.3553

Protanomaly

51.4504, 0.3492, 0.3585

Deuteranomaly

51.5003, 0.3627, 0.3553

Tritanomaly

51.5083, 0.3488, 0.3279

Monochromacy



Original Color

51.5003, 0.3627, 0.3553

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6792, 0.3299, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5003, 0.3627, 0.3553 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(219, 183, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 183, 161)  
}
```

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(219, 183, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 183, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.5003, 0.3627, 0.3553 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(219, 183, 161) }
```

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

```
.border{ border-color:rgb(219, 183, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 183, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 183, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 183, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 183,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5003, 0.3627, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 183, 161) }
```

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

```
.background{ background-color: rgb(219,  
183, 161) }
```

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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