

Converting Colors

$Yxy(53.1245, 0.3561, 0.3664)$

Have a look what the booklet for
Yxy(53.1245, 0.3561, 0.3664)
contains.

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Color

Yxy(53.3272, 0.3561, 0.3665)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D4BE9F |
| RGB | 212, 190, 159 |
| RGB Percent | 83%, 75%, 62% |
| CMY | 0.1688, 0.2548, 0.3765 |
| CMYK | 0.00, 0.10, 0.25, 0.17 |
| HSL | 35°, 38%, 73% |
| HSV | 35°, 25%, 83% |
| XYZ | 51.8140, 53.3272, 40.3628 |
| YIQ | 193.0440, 23.0630, -4.9770 |

Conversions

Conversions Part 2

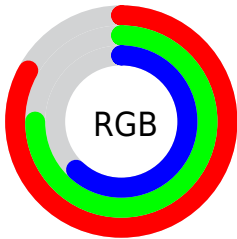
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 197, 212, 159 |
| Decimal | 13942431 |
| CIELab | 78.07, 2.99, 18.51 |
| CIElCh | 78, 18.754, 80.838 |
| Yxy | 53.3272, 0.3561, 0.3665 |
| Android (android.graphics.Color) | 4292132511 (0xFFD4BE9F) |
| YUV | 193.0440, -16.7837, 16.6244 |
| Hunter-Lab | 73.0255, -1.1430, 18.3469 |

Details

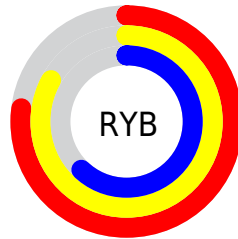
The Yxy color $53.3272, 0.3561, 0.3665$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $45.1458, 0.2727, 0.2884$, and the grayscale version is $53.4448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.0266, 0.3383, 0.3606$, and $26.1210, 0.3684, 0.3773$ is the 20% darker color. If you saturate the color by 10%, you get $48.9652, 0.3769, 0.3822$, and if you desaturate by 10%, it is $58.0494, 0.3373, 0.3510$.

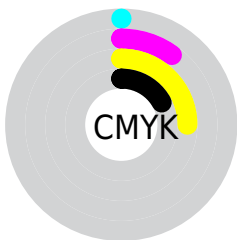
Distribution



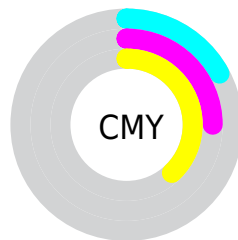
- Red (83%)
- Green (75%)
- Blue (62%)



- Red (77%)
- Yellow (83%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3272, 0.3561, 0.3665 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 53.3272, 0.3561, 0.3665 by changing the saturation by 10% instead.


 53.3272, 0.3561,
0.3665


 53.3272, 0.3561,
0.3665


399.5392, 0.3349,
0.3484

 38.0640, 0.3612,
0.3708


 95.0857, 0.3485,
0.3601

 26.0324, 0.3677,
0.3762


 122.3498, 0.3456,
0.3576

 16.8479, 0.3762,
0.3832


154.3829, 0.3432,
0.3555

 10.1261, 0.3876,
0.3925

191.5696, 0.3410,
0.3537

 5.4826, 0.4037,
0.4053

234.2942, 0.3392,
0.3521

 2.5331, 0.4281,
0.4240

282.9411, 0.3376,

 0.8932, 0.5086,

0.3507

0.4914

337.8946, 0.3362,
0.3495

0.0000, 0.0000,
0.0000

53.3272, 0.3561,
0.3665

53.3272, 0.3561,
0.3665

48.9652, 0.3769,
0.3822

58.0494, 0.3373,
0.3510

44.9457, 0.3993,
0.3973

63.1345, 0.3204,
0.3361

41.2601, 0.4229,
0.4111

68.5942, 0.3054,
0.3221

37.8963, 0.4469,
0.4225

74.4376, 0.2922,
0.3090

34.8414, 0.4701,
0.4301

80.0136, 0.2861,
0.3069

■ 32.0807, 0.4911,
0.4329

■ 85.1360, 0.2865,
0.3162

■ 29.5972, 0.5089,
0.4304

■ 90.5096, 0.2870,
0.3253

■ 28.4437, 0.5169,
0.4278

■ 92.7310, 0.2871,
0.3289

Harmonies

Analogous

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



53.3272, 0.3626, 0.3499



53.3272, 0.3561, 0.3665



53.3272, 0.3378, 0.3736

Triad

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



53.3272, 0.3561, 0.3665



53.3272, 0.2719, 0.3267



53.3272, 0.3106, 0.2940

Complementary

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



53.3272, 0.3561, 0.3665



45.1458, 0.2727, 0.2884

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.



53.3272, 0.2869, 0.2874



53.3272, 0.3561, 0.3665



53.3272, 0.2653, 0.3050

Square

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



53.3272, 0.3561, 0.3665



53.3272, 0.2893, 0.3502



53.3272, 0.2706, 0.2911



53.3272, 0.3357, 0.3089

Rectangle

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



53.3272, 0.3561, 0.3665



53.3272, 0.3217, 0.3712



53.3272, 0.2706, 0.2911



53.3272, 0.3022, 0.2907

Sweetspot

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



53.3296, 0.3561, 0.3665



94.2755, 0.3238, 0.3392



42.1264, 0.3436, 0.3023



20.0760, 0.3248, 0.3401



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.



53.3296, 0.3561, 0.3665



77.4345, 0.3669, 0.3749



62.9139, 0.3467, 0.3917



13.6173, 0.3277, 0.3426



17.7690, 0.5151, 0.4292



1.2333, 0.4942, 0.4458

Inverse Universe

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



45.1458, 0.2727, 0.2884



62.9324, 0.2636, 0.2783



37.3782, 0.2736, 0.2591



12.8454, 0.2982, 0.3150



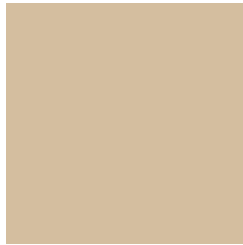
7.4130, 0.1699, 0.1315



0.6083, 0.1794, 0.1658

Previews

White Background



This preview shows how the Yxy color 53.3272, 0.3561, 0.3665 looks on a white background.

Color Contrast Check

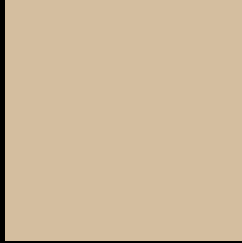
Large Text (above 18pt) WCAG AA × Fail

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 53.3272, 0.3561, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

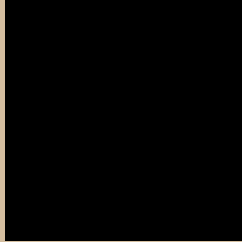
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3272, 0.3561, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 53.3272, 0.3561, 0.3665.



This preview shows how white text looks on a background with the Yxy color 53.3272, 0.3561, 0.3665.

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

53.3272, 0.3561, 0.3665

Protanopia

53.5154, 0.3476, 0.3697

Deuteranopia

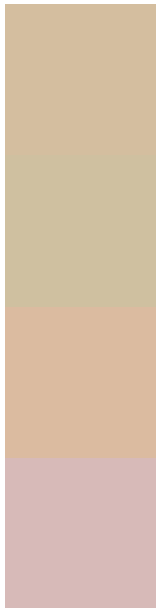
53.3439, 0.3662, 0.3595



Tritanopia

53.1562, 0.3287, 0.3117

Trichromacy



Original Color

53.3272, 0.3561, 0.3665

Protanomaly

53.5027, 0.3504, 0.3681

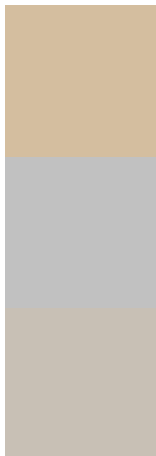
Deuteranomaly

53.1388, 0.3624, 0.3611

Tritanomaly

53.0256, 0.3390, 0.3314

Monochromacy



Original Color

53.3272, 0.3561, 0.3665

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3148, 0.3277, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3272, 0.3561, 0.3665 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, 190, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 190, 159)  
}
```

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, 190, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 190, 159) }
```

Border

The CSS property to change the border of an element to Yxy 53.3272, 0.3561, 0.3665 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, 190, 159) }
```

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

```
.border{ border-color:rgb(212, 190, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 190, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 190, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 190, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 190,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3272, 0.3561, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 190, 159) }
```

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

```
.background{ background-color: rgb(212,  
190, 159) }
```

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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