

Converting Colors

$Yxy(63.8219, 0.3561, 0.3877)$

Have a look what the booklet for
Yxy(63.8219, 0.3561, 0.3877)
contains.

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Color

Yxy(63.6565, 0.3564, 0.3877)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBD29F |
| RGB | 219, 210, 159 |
| RGB Percent | 86%, 82%, 62% |
| CMY | 0.1412, 0.1764, 0.3764 |
| CMYK | 0.00, 0.04, 0.27, 0.14 |
| HSL | 51°, 45%, 74% |
| HSV | 51°, 27%, 86% |
| XYZ | 58.5174, 63.6565, 42.0162 |
| YIQ | 206.8770, 21.7350, -13.9530 |

Conversions

Conversions Part 2

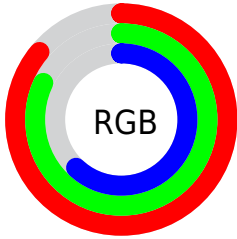
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 170, 219, 159 |
| Decimal | 14406303 |
| CIE Lab | 83.79, -4.76, 26.44 |
| CIE LCh | 84, 26.864, 100.204 |
| Yxy | 63.6565, 0.3564, 0.3877 |
| Android (android.graphics.Color) | 4292596383 (0xFFDDBD29F) |
| YUV | 206.8770, -23.6034, 10.6319 |
| Hunter-Lab | 79.7850, -8.7051, 24.6263 |

Details

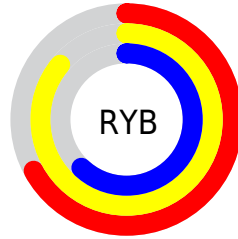
The Yxy color **63.6565, 0.3564, 0.3877** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4971, 0.2664, 0.2625**, and the grayscale version is **62.4599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **32.6250, 0.3664, 0.4032** is the 20% darker color. If you saturate the color by 10%, you get **61.3618, 0.3733, 0.4092**, and if you desaturate by 10%, it is **66.1249, 0.3398, 0.3659**.

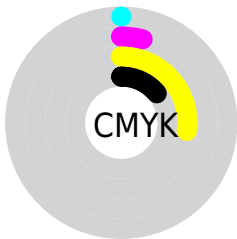
Distribution



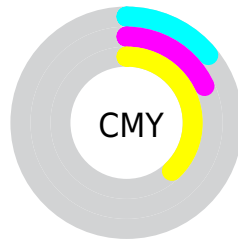
- Red (86%)
- Green (82%)
- Blue (62%)



- Red (67%)
- Yellow (86%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6565, 0.3564, 0.3877 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 63.6565, 0.3564, 0.3877 by changing the saturation by 10% instead.


 63.6565, 0.3564,
0.3877


 63.6565, 0.3564,
0.3877

437.9481, 0.3360,
0.3598

 46.3725, 0.3610,
0.3942


 110.1161, 0.3493,
0.3779

 32.5399, 0.3667,
0.4023


 140.0605, 0.3466,
0.3741

 21.7742, 0.3739,
0.4127


174.9938, 0.3442,
0.3709

 13.6911, 0.3831,
0.4262

215.3005, 0.3421,
0.3680

 7.9061, 0.3950,
0.4446

261.3648, 0.3403,
0.3656

 4.0349, 0.4108,
0.4703

313.5713, 0.3387,

 1.6931, 0.4591,

0.3634

0.5409

372.3043, 0.3373,
0.3615

0.4192, 0.4024,
0.5976

0.0000, 0.0000,
0.0000

63.6565, 0.3564,
0.3877

63.6565, 0.3564,
0.3877

61.3618, 0.3733,
0.4092

66.1249, 0.3398,
0.3659

59.2248, 0.3900,
0.4295

68.7651, 0.3239,
0.3444

57.2404, 0.4058,
0.4476

71.5863, 0.3089,
0.3237

55.3998, 0.4200,
0.4625

74.5945, 0.2951,
0.3042

■ 53.6932, 0.4318,
0.4734

■ 76.8934, 0.2902,
0.2992

■ 52.1088, 0.4410,
0.4797

■ 78.6988, 0.2903,
0.3027

■ 50.6310, 0.4473,
0.4817

■ 80.5385, 0.2904,
0.3062

■ 50.2547, 0.4488,
0.4818

■ 82.4127, 0.2905,
0.3096

■ 84.3217, 0.2906,
0.3130

Harmonies

Analogous

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



63.6565, 0.3765, 0.3720



63.6565, 0.3564, 0.3877



63.6565, 0.3251, 0.3870

Triad

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



63.6565, 0.3564, 0.3877



63.6565, 0.2508, 0.3055



63.6565, 0.3319, 0.2942

Complementary

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



63.6565, 0.3564, 0.3877



40.4971, 0.2664, 0.2625

Split Complementary

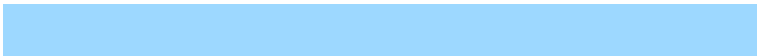
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.6565, 0.2975, 0.2780



63.6565, 0.3564, 0.3877



63.6565, 0.2522, 0.2830

Square

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



63.6565, 0.3564, 0.3877



63.6565, 0.2648, 0.3370



63.6565, 0.2688, 0.2737



63.6565, 0.3623, 0.3187

Rectangle

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



63.6565, 0.3564, 0.3877



63.6565, 0.3025, 0.3761



63.6565, 0.2688, 0.2737



63.6565, 0.3204, 0.2877

Sweetspot

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



63.6594, 0.3564, 0.3877



96.8209, 0.3249, 0.3458



42.6928, 0.3630, 0.3183



20.5997, 0.3273, 0.3490



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.



63.6594, 0.3564, 0.3877



87.9344, 0.3664, 0.4005



65.1675, 0.3376, 0.4009



14.9141, 0.3270, 0.3487



29.9303, 0.4483, 0.4823



2.0312, 0.4428, 0.4866

Inverse Universe

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



40.4971, 0.2664, 0.2625



49.9160, 0.2550, 0.2456



39.6255, 0.2822, 0.2540



12.9304, 0.2981, 0.3085



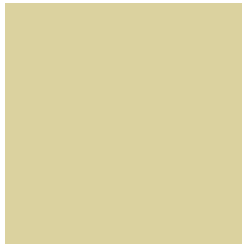
3.7703, 0.1536, 0.0728



0.3457, 0.1606, 0.0981

Previews

White Background



This preview shows how the Yxy color 63.6565, 0.3564, 0.3877 looks on a white background.

Color Contrast Check

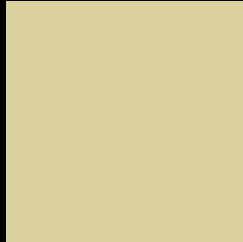
Large Text (above 18pt) WCAG AA × Fail

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 63.6565, 0.3564, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

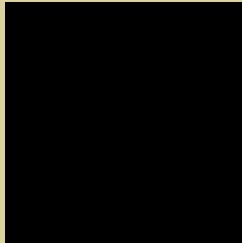
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

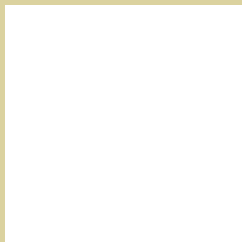
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6565, 0.3564, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 63.6565, 0.3564, 0.3877.



This preview shows how white text looks on a background with the Yxy color 63.6565, 0.3564, 0.3877.

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

63.6565, 0.3564, 0.3877

Protanopia

63.7575, 0.3607, 0.3872

Deuteranopia

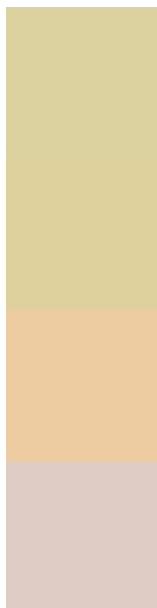
63.2942, 0.3796, 0.3711



Tritanopia

63.4718, 0.3197, 0.3115

Trichromacy



Original Color

63.6565, 0.3564, 0.3877

Protanomaly

63.5991, 0.3599, 0.3873

Deuteranomaly

63.5567, 0.3715, 0.3776

Tritanomaly

63.3818, 0.3325, 0.3380

Monochromacy



Original Color

63.6565, 0.3564, 0.3877

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6783, 0.3278, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6565, 0.3564, 0.3877 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, 210, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 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(219, 210, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 159) }
```

Border

The CSS property to change the border of an element to Yxy 63.6565, 0.3564, 0.3877 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, 210, 159) }
```

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

```
.border{ border-color:rgb(219, 210, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 159);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6565, 0.3564, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 159) }
```

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

```
.background{ background-color: rgb(219,  
210, 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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