

Converting Colors

$Yxy(57.7988, 0.3559, 0.3827)$

Have a look what the booklet for
Yxy(57.7988, 0.3559, 0.3827)
contains.

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Color

Yxy(57.6722, 0.3565, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	D4C89B
RGB	212, 200, 155
RGB Percent	83%, 78%, 61%
CMY	0.1686, 0.2157, 0.3922
CMYK	0.00, 0.06, 0.27, 0.17
HSL	47°, 40%, 72%
HSV	47°, 27%, 83%
XYZ	53.7239, 57.6722, 39.3021
YIQ	198.4580, 21.5970, -11.4510

Conversions

Conversions Part 2

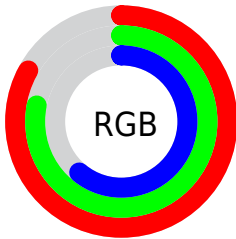
Format	Color
RYB	170, 212, 155
Decimal	13944987
CIELab	80.56, -2.78, 24.07
CIElCh	81, 24.235, 96.591
Yxy	57.6722, 0.3565, 0.3827
Android (android.graphics.Color)	4292135067 (0xFFD4C89B)
YUV	198.4580, -21.4248, 11.8763
Hunter-Lab	75.9422, -6.6224, 22.4754

Details

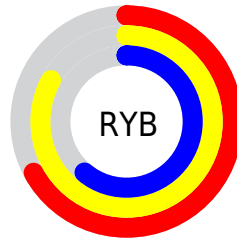
The Yxy color $57.6722, 0.3565, 0.3827$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.3567, 0.2679, 0.2688$, and the grayscale version is $56.8900, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4331, 0.3394, 0.3731$, and $28.7253, 0.3673, 0.3954$ is the 20% darker color. If you saturate the color by 10%, you get $54.9855, 0.3743, 0.4029$, and if you desaturate by 10%, it is $60.5496, 0.3393, 0.3623$.

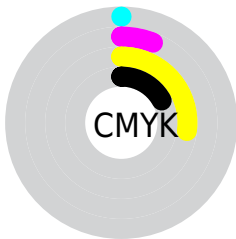
Distribution



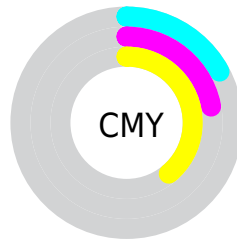
- Red (83%)
- Green (78%)
- Blue (61%)



- Red (67%)
- Yellow (83%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (17%)




- Cyan (17%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6722, 0.3565, 0.3827 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 57.6722, 0.3565, 0.3827 by changing the saturation by 10% instead.

 57.6722, 0.3565,
0.3827

 57.6722, 0.3565,
0.3827

415.9634, 0.3356,
0.3568

 41.5452, 0.3614,
0.3889


 101.4454, 0.3491,
0.3735

 28.7453, 0.3675,
0.3966


 129.8603, 0.3463,
0.3700

 18.8882, 0.3752,
0.4064


163.1399, 0.3439,
0.3670

 11.5896, 0.3853,
0.4196

201.6688, 0.3418,
0.3644

 6.4649, 0.3989,
0.4376

245.8311, 0.3400,
0.3621

 3.1297, 0.4181,
0.4641

296.0114, 0.3383,

 1.1998, 0.4689,

0.3601

0.5311

352.5940, 0.3369,
0.3584

0.0616, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6722, 0.3565,
0.3827

57.6722, 0.3565,
0.3827

54.9855, 0.3743,
0.4029

60.5496, 0.3393,
0.3623

52.4746, 0.3923,
0.4222

63.6165, 0.3232,
0.3423

50.1345, 0.4098,
0.4395

66.8816, 0.3082,
0.3232

47.9567, 0.4260,
0.4538

70.3507, 0.2945,
0.3052

45.9319, 0.4402,
0.4641

73.6376, 0.2855,
0.2944

44.0490, 0.4517,
0.4699

76.0461, 0.2858,
0.2992

42.2939, 0.4603,
0.4710

78.5179, 0.2860,
0.3040

41.7681, 0.4626,
0.4709

81.0535, 0.2862,
0.3088

83.6534, 0.2864,
0.3135

Harmonies

Analogous

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



57.6722, 0.3734, 0.3668



57.6722, 0.3565, 0.3827



57.6722, 0.3282, 0.3839

Triad

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



57.6722, 0.3565, 0.3827



57.6722, 0.2556, 0.3105



57.6722, 0.3268, 0.2941

Complementary

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



57.6722, 0.3565, 0.3827



39.3567, 0.2679, 0.2688

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.



57.6722, 0.2949, 0.2801



57.6722, 0.3565, 0.3827



57.6722, 0.2552, 0.2880

Square

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



57.6722, 0.3565, 0.3827



57.6722, 0.2704, 0.3402



57.6722, 0.2692, 0.2776



57.6722, 0.3560, 0.3164

Rectangle

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



57.6722, 0.3565, 0.3827



57.6722, 0.3070, 0.3751



57.6722, 0.2692, 0.2776



57.6722, 0.3160, 0.2883

Sweetspot

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



57.6748, 0.3565, 0.3827



96.0441, 0.3250, 0.3446



40.2387, 0.3579, 0.3139



20.4029, 0.3274, 0.3476



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.



57.6748, 0.3565, 0.3827



85.3326, 0.3661, 0.3938



61.1769, 0.3402, 0.3987



14.0552, 0.3272, 0.3473



25.9310, 0.4619, 0.4714



1.6778, 0.4532, 0.4784

Inverse Universe

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



39.3567, 0.2679, 0.2688



53.2318, 0.2577, 0.2545



36.8649, 0.2796, 0.2550



12.4284, 0.2982, 0.3100



4.1955, 0.1562, 0.0823



0.3752, 0.1651, 0.1144

Previews

White Background



This preview shows how the Yxy color 57.6722, 0.3565, 0.3827 looks on a white background.

Color Contrast Check

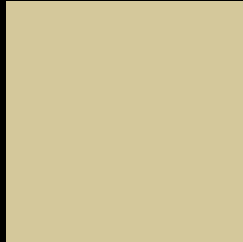
Large Text (above 18pt) WCAG AA × Fail

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 57.6722, 0.3565, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

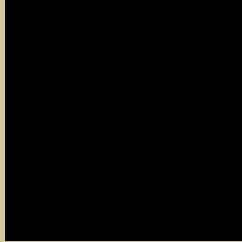
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

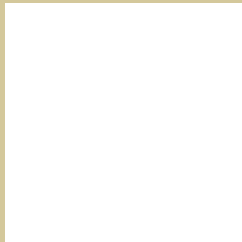
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6722, 0.3565, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 57.6722, 0.3565, 0.3827.

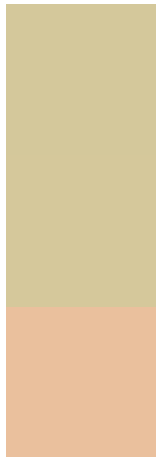


This preview shows how white text looks on a background with the Yxy color 57.6722, 0.3565, 0.3827.

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

57.6722, 0.3565, 0.3827

Protanopia

57.8212, 0.3573, 0.3825

Deuteranopia

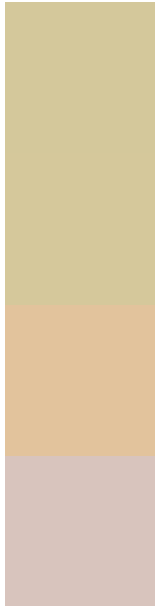
57.6260, 0.3764, 0.3684



Tritanopia

57.5994, 0.3216, 0.3120

Trichromacy



Original Color

57.6722, 0.3565, 0.3827

Protanomaly

57.8212, 0.3573, 0.3825

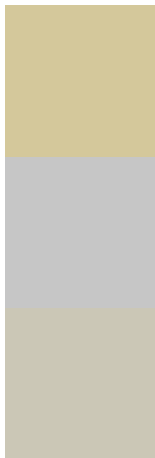
Deuteranomaly

57.5993, 0.3692, 0.3739

Tritanomaly

57.7529, 0.3342, 0.3372

Monochromacy



Original Color

57.6722, 0.3565, 0.3827

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9208, 0.3285, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6722, 0.3565, 0.3827 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, 200, 155)` looks like.

```
.text, #text, p{  
    color:rgb(212, 200, 155)  
}
```

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, 200, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 200, 155) }
```

Border

The CSS property to change the border of an element to Yxy 57.6722, 0.3565, 0.3827 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, 200, 155) }
```

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

```
.border{ border-color:rgb(212, 200, 155) }
```

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

Here you see how a box with a 4 pixel rgb(212, 200, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 200, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 200, 155);  
box-shadow:4px 4px 4px 4px rgb(212, 200,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6722, 0.3565, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 200, 155) }
```

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

```
.background{ background-color: rgb(212,  
200, 155) }
```

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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