

Converting Colors

$Y_{xy}(57.5509, 0.3562, 0.3672)$

Have a look what the booklet for
Yxy(57.5509, 0.3562, 0.3672)
contains.

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Color

Yxy(57.6729, 0.3562, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	DBC5A4
RGB	219, 197, 164
RGB Percent	86%, 77%, 64%
CMY	0.1414, 0.2274, 0.3569
CMYK	0.00, 0.10, 0.25, 0.14
HSL	36°, 43%, 75%
HSV	36°, 25%, 86%
XYZ	55.8692, 57.6729, 43.3057
YIQ	199.8160, 23.7050, -5.5990

Conversions

Conversions Part 2

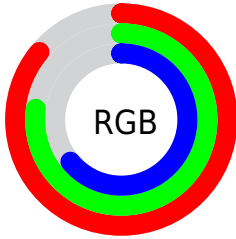
Format	Color
R _Y B	201, 219, 164
Decimal	14402980
CIE Lab	80.56, 2.65, 19.40
CIE LCh	81, 19.575, 82.227
Yxy	57.6729, 0.3562, 0.3677
Android (android.graphics.Color)	4292593060 (0xFFDBC5A4)
YUV	199.8160, -17.6573, 16.8244
Hunter-Lab	75.9427, -1.5816, 19.3503

Details

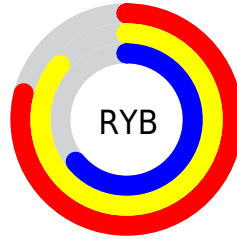
The Yxy color $57.6729, 0.3562, 0.3677$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $48.0893, 0.2723, 0.2870$, and the grayscale version is $57.7375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2581, 0.3341, 0.3632$, and $28.6013, 0.3673, 0.3772$ is the 20% darker color. If you saturate the color by 10%, you get $53.0973, 0.3768, 0.3838$, and if you desaturate by 10%, it is $62.6199, 0.3374, 0.3518$.

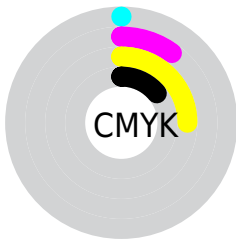
Distribution



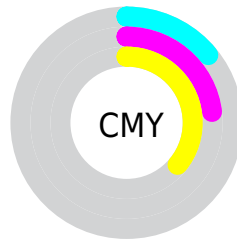
- Red (86%)
- Green (77%)
- Blue (64%)



- Red (79%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (14%)




- Cyan (14%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6729, 0.3562, 0.3677 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 57.6729, 0.3562, 0.3677 by changing the saturation by 10% instead.

 57.6729, 0.3562,
0.3677


 57.6729, 0.3562,
0.3677


415.9660, 0.3352,
0.3492

 41.5457, 0.3612,
0.3720


 101.4464, 0.3488,
0.3612

 28.7458, 0.3674,
0.3774


 129.8615, 0.3459,
0.3587

 18.8886, 0.3755,
0.3843


163.1413, 0.3435,
0.3566

 11.5898, 0.3863,
0.3935

201.6704, 0.3414,
0.3547

 6.4650, 0.4013,
0.4059

245.8329, 0.3396,
0.3531

 3.1298, 0.4233,
0.4237

296.0135, 0.3379,

 1.1999, 0.5044,

0.3516

0.4956

352.5964, 0.3365,
0.3504

0.0616, 0.6666,
0.3334

0.0000, 0.0000,
0.0000

57.6729, 0.3562,
0.3677

57.6729, 0.3562,
0.3677

53.0973, 0.3768,
0.3838

62.6199, 0.3374,
0.3518

48.8745, 0.3990,
0.3993

67.9406, 0.3206,
0.3365

44.9954, 0.4222,
0.4134

73.6475, 0.3056,
0.3220

41.4477, 0.4456,
0.4250

79.7498, 0.2923,
0.3086

■ 38.2176, 0.4680,
0.4328

■ 85.0092, 0.2906,
0.3143

■ 35.2899, 0.4883,
0.4359

■ 90.2978, 0.2909,
0.3233

■ 32.6468, 0.5053,
0.4336

■ 93.7926, 0.2911,
0.3289

■ 31.4430, 0.5127,
0.4311

Harmonies

Analogous

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



57.6729, 0.3635, 0.3512



57.6729, 0.3562, 0.3677



57.6729, 0.3372, 0.3744

Triad

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



57.6729, 0.3562, 0.3677



57.6729, 0.2707, 0.3255



57.6729, 0.3117, 0.2940

Complementary

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



57.6729, 0.3562, 0.3677



48.0893, 0.2723, 0.2870

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.



57.6729, 0.2874, 0.2868



57.6729, 0.3562, 0.3677



57.6729, 0.2645, 0.3037

Square

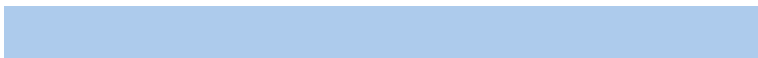
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.6729, 0.3562, 0.3677



57.6729, 0.2879, 0.3495



57.6729, 0.2704, 0.2900



57.6729, 0.3372, 0.3095

Rectangle

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



57.6729, 0.3562, 0.3677



57.6729, 0.3207, 0.3715



57.6729, 0.2704, 0.2900



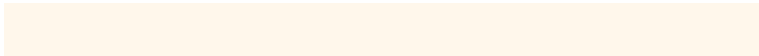
57.6729, 0.3031, 0.2905

Sweetspot

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



57.6755, 0.3562, 0.3677



93.6710, 0.3254, 0.3410



45.1456, 0.3447, 0.3031



19.8032, 0.3279, 0.3433



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.



57.6755, 0.3562, 0.3677



78.0614, 0.3666, 0.3760



67.5326, 0.3462, 0.3923



14.3466, 0.3277, 0.3430



18.8728, 0.5109, 0.4325



1.3895, 0.4920, 0.4475

Inverse Universe

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



48.0893, 0.2723, 0.2870



62.3575, 0.2635, 0.2769



40.1500, 0.2740, 0.2588



13.4656, 0.2981, 0.3146



7.3123, 0.1686, 0.1268



0.6394, 0.1776, 0.1594

Previews

White Background



This preview shows how the Yxy color 57.6729, 0.3562, 0.3677 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 57.6729, 0.3562, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

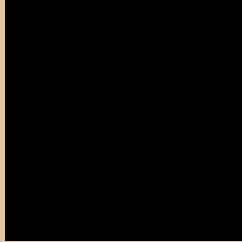
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

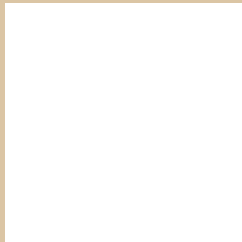
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6729, 0.3562, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 57.6729, 0.3562, 0.3677.



This preview shows how white text looks on a background with the Yxy color 57.6729, 0.3562, 0.3677.

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

57.6729, 0.3562, 0.3677

Protanopia

57.8740, 0.3479, 0.3708

Deuteranopia

57.4048, 0.3672, 0.3597



Tritanopia

57.5651, 0.3282, 0.3122

Trichromacy



Original Color

57.6729, 0.3562, 0.3677

Protanomaly

57.8596, 0.3507, 0.3693

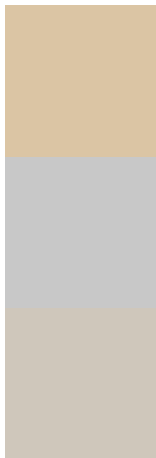
Deuteranomaly

57.6311, 0.3631, 0.3623

Tritanomaly

57.4311, 0.3381, 0.3314

Monochromacy



Original Color

57.6729, 0.3562, 0.3677

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7001, 0.3280, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6729, 0.3562, 0.3677 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, 197, 164)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 164)  
}
```

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, 197, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.6729, 0.3562, 0.3677 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, 197, 164) }
```

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

```
.border{ border-color:rgb(219, 197, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 197, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 164);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6729, 0.3562, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 164) }
```

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

```
.background{ background-color: rgb(219,  
197, 164) }
```

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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