

Converting Colors

Yxy(69.4792, 0.3327, 0.3633)

Have a look what the booklet for
Yxy(69.4792, 0.3327, 0.3633)
contains.

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Color

Yxy(69.2426, 0.3324, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	DADBBD
RGB	218, 219, 189
RGB Percent	85%, 86%, 74%
CMY	0.1449, 0.1412, 0.2588
CMYK	0.00, 0.00, 0.14, 0.14
HSL	62°, 29%, 80%
HSV	62°, 14%, 86%
XYZ	63.4406, 69.2426, 58.1729
YIQ	215.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

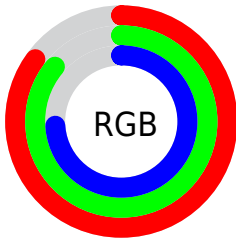
Format	Color
R _{YB}	189, 219, 190
Decimal	14343101
CIE _{Lab}	86.62, -5.38, 14.65
CIE _{LCh}	87, 15.608, 110.165
Yxy	69.2426, 0.3324, 0.3628
Android (android.graphics.Color)	4292533181 (0xFFDADBBD)
YUV	215.2810, -12.9565, 2.3846
Hunter-Lab	83.2121, -9.5336, 16.7993

Details

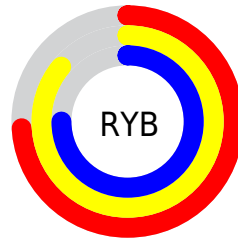
The Yxy color **69.2426, 0.3324, 0.3628** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4582, 0.2916, 0.2930**, and the grayscale version is **68.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **36.1150, 0.3367, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **68.2584, 0.3470, 0.3881**, and if you desaturate by 10%, it is **70.3770, 0.3179, 0.3379**.

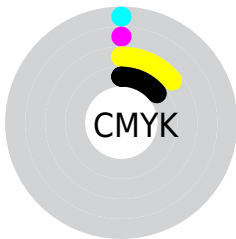
Distribution



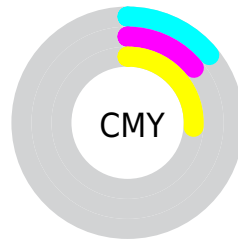
- Red (85%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (75%)



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



- Cyan (14%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2426, 0.3324, 0.3628 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 69.2426, 0.3324, 0.3628 by changing the saturation by 10% instead.

69.2426, 0.3324,
0.3628

69.2426, 0.3324,
0.3628

457.8861, 0.3233,
0.3468

50.9093, 0.3345,
0.3665

118.1280, 0.3292,
0.3572

36.1364, 0.3370,
0.3712

149.4489, 0.3280,
0.3550

24.5396, 0.3402,
0.3771

185.8678, 0.3270,
0.3532

15.7344, 0.3444,
0.3849

227.7691, 0.3260,
0.3516

9.3364, 0.3501,
0.3958

275.5372, 0.3252,
0.3502

4.9612, 0.3580,
0.4118

329.5565, 0.3245,

2.2245, 0.3699,

0.3489

0.4375

390.2113, 0.3239,
0.3478

0.7333, 0.4355,
0.5645

0.0000, 0.0000,
0.0000

69.2426, 0.3324,
0.3628

69.2426, 0.3324,
0.3628

68.2584, 0.3470,
0.3881

70.3770, 0.3179,
0.3379

67.4087, 0.3614,
0.4132

71.6584, 0.3040,
0.3141


66.6898, 0.3750,
0.4370

73.0955, 0.2908,
0.2917

66.0941, 0.3872,
0.4586

73.2226, 0.2911,
0.2914


 65.6134, 0.3974,
0.4770

 73.3316, 0.2916,
0.2915


 65.2384, 0.4052,
0.4915

 73.4411, 0.2920,
0.2915

 64.9583, 0.4104,
0.5017

 73.5511, 0.2925,
0.2916

 64.7602, 0.4130,
0.5076

 73.6615, 0.2930,
0.2916

 64.6637, 0.4138,
0.5097

 73.7723, 0.2934,
0.2917

Harmonies

Analogous

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



69.2426, 0.3460, 0.3576



69.2426, 0.3324, 0.3628



69.2426, 0.3137, 0.3585

Triad

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



69.2426, 0.3324, 0.3628



69.2426, 0.2762, 0.3112



69.2426, 0.3299, 0.3133

Complementary

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



69.2426, 0.3324, 0.3628



52.4582, 0.2916, 0.2930

Split Complementary

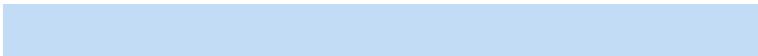
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2426, 0.3108, 0.3018



69.2426, 0.3324, 0.3628



69.2426, 0.2802, 0.3002

Square

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



69.2426, 0.3324, 0.3628



69.2426, 0.2816, 0.3278



69.2426, 0.2926, 0.2969



69.2426, 0.3447, 0.3289

Rectangle

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



69.2426, 0.3324, 0.3628



69.2426, 0.3011, 0.3505



69.2426, 0.2926, 0.2969



69.2426, 0.3238, 0.3088

Sweetspot

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



69.2456, 0.3324, 0.3628



99.2991, 0.3184, 0.3388



55.3505, 0.3377, 0.3297



21.2267, 0.3195, 0.3406



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.



69.2456, 0.3324, 0.3628



97.4009, 0.3360, 0.3690



67.1011, 0.3216, 0.3640



15.2417, 0.3262, 0.3521



38.3552, 0.4139, 0.5096



2.4916, 0.4148, 0.5088

Inverse Universe

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



52.4582, 0.2916, 0.2930



69.9363, 0.2874, 0.2859



54.4241, 0.3028, 0.2942



12.6368, 0.2986, 0.3049



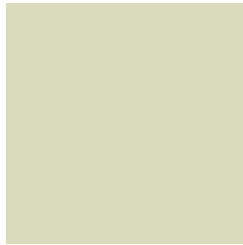
3.0681, 0.1511, 0.0606



0.2059, 0.1542, 0.0623

Previews

White Background



This preview shows how the Yxy color 69.2426, 0.3324, 0.3628 looks on a white background.

Color Contrast Check

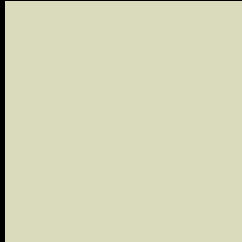
Large Text (above 18pt) WCAG AA × Fail

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 69.2426, 0.3324, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

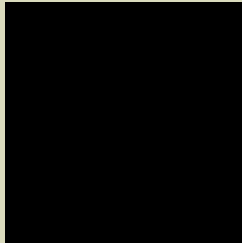
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

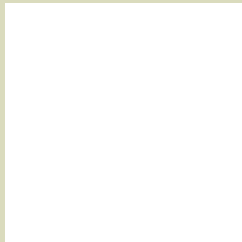
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2426, 0.3324, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 69.2426, 0.3324, 0.3628.



This preview shows how white text looks on a background with the Yxy color 69.2426, 0.3324, 0.3628.

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

69.2426, 0.3324, 0.3628

Protanopia

69.0735, 0.3404, 0.3600

Deuteranopia

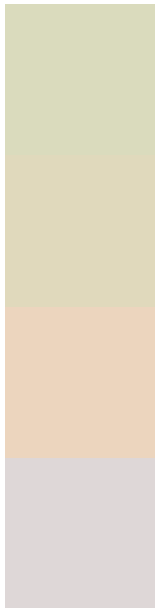
69.1367, 0.3553, 0.3481



Tritanopia

69.1490, 0.3092, 0.3107

Trichromacy



Original Color

69.2426, 0.3324, 0.3628

Protanomaly

69.1038, 0.3379, 0.3613

Deuteranomaly

69.1391, 0.3465, 0.3540

Tritanomaly

69.0368, 0.3178, 0.3290

Monochromacy



Original Color

69.2426, 0.3324, 0.3628

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1669, 0.3195, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2426, 0.3324, 0.3628 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(218, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 189)  
}
```

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(218, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 189) }
```

Border

The CSS property to change the border of an element to Yxy 69.2426, 0.3324, 0.3628 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(218, 219, 189) }
```

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

```
.border{ border-color:rgb(218, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 219, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 219, 189); box-shadow:4px 4px 4px 4px rgb(218, 219, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2426, 0.3324, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 189) }
```

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

```
.background{ background-color: rgb(218,  
219, 189) }
```

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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