

Converting Colors

Yxy(67.2008, 0.3428, 0.3697)

Have a look what the booklet for
Yxy(67.2008, 0.3428, 0.3697)
contains.

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Color

Yxy(67.2277, 0.3424, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	DDD7B3
RGB	221, 215, 179
RGB Percent	87%, 84%, 70%
CMY	0.1332, 0.1569, 0.2980
CMYK	0.00, 0.03, 0.19, 0.13
HSL	51°, 38%, 78%
HSV	51°, 19%, 87%
XYZ	62.2634, 67.2277, 52.3529
YIQ	212.6900, 15.1320, -9.9240

Conversions

Conversions Part 2

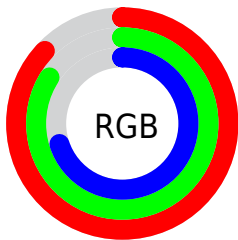
Format	Color
RYB	186, 221, 179
Decimal	14538675
CIELab	85.62, -3.77, 18.52
CIELCh	86, 18.900, 101.497
Yxy	67.2277, 0.3424, 0.3697
Android (android.graphics.Color)	4292728755 (0xFFDDD7B3)
YUV	212.6900, -16.6092, 7.2879
Hunter-Lab	81.9925, -7.9378, 19.5376

Details

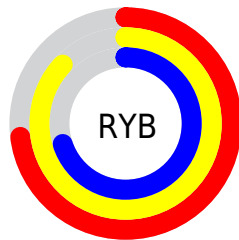
The Yxy color $67.2277, 0.3424, 0.3697$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $49.5278, 0.2818, 0.2847$, and the grayscale version is $66.4318, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7782, 0.3244, 0.3483$, and $34.7550, 0.3501, 0.3795$ is the 20% darker color. If you saturate the color by 10%, you get $64.8063, 0.3590, 0.3917$, and if you desaturate by 10%, it is $69.8298, 0.3264, 0.3479$.

Distribution



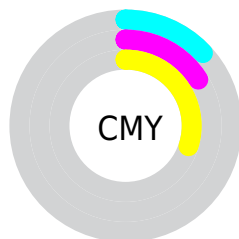
- Red (87%)
- Green (84%)
- Blue (70%)



- Red (73%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (13%)




- Cyan (13%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2277, 0.3424, 0.3697 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 67.2277, 0.3424, 0.3697 by changing the saturation by 10% instead.


 67.2277, 0.3424,
0.3697

 67.2277, 0.3424,
0.3697

450.7548, 0.3286,
0.3505

 49.2697, 0.3456,
0.3742


 115.2466, 0.3376,
0.3630

 34.8335, 0.3495,
0.3798


146.0763, 0.3357,
0.3604

 23.5346, 0.3544,
0.3869


181.9654, 0.3341,
0.3581

 14.9888, 0.3609,
0.3963

223.2982, 0.3327,
0.3562

 8.8115, 0.3695,
0.4092

270.4592, 0.3315,
0.3545

 4.6184, 0.3817,
0.4280

323.8327, 0.3304,

 2.0252, 0.4038,

0.3530

0.4621

383.8031, 0.3294,
0.3517

0.6220, 0.4453,
0.5547

0.0000, 0.0000,
0.0000

67.2277, 0.3424,
0.3697

67.2277, 0.3424,
0.3697

64.8063, 0.3590,
0.3917

69.8298, 0.3264,
0.3479

62.5496, 0.3759,
0.4132

72.6102, 0.3113,
0.3270

60.4530, 0.3923,
0.4333

75.5779, 0.2972,
0.3071

58.5084, 0.4077,
0.4511

77.9120, 0.2915,
0.3007

■ 56.7066, 0.4214,
0.4654

■ 79.6709, 0.2916,
0.3040

■ 55.0372, 0.4326,
0.4757

■ 81.4620, 0.2917,
0.3074

■ 53.4878, 0.4411,
0.4813

■ 83.2854, 0.2918,
0.3107

■ 52.0395, 0.4469,
0.4828

■ 85.1414, 0.2919,
0.3140

■ 51.8984, 0.4475,
0.4829

■ 87.0301, 0.2920,
0.3173

Harmonies

Analogous

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



67.2277, 0.3564, 0.3600



67.2277, 0.3424, 0.3697



67.2277, 0.3207, 0.3681

Triad

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



67.2277, 0.3424, 0.3697



67.2277, 0.2691, 0.3124



67.2277, 0.3272, 0.3052

Complementary

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



67.2277, 0.3424, 0.3697



49.5278, 0.2818, 0.2847

Split Complementary

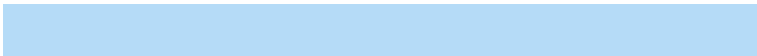
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2277, 0.3034, 0.2933



67.2277, 0.3424, 0.3697



67.2277, 0.2706, 0.2967

Square

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



67.2277, 0.3424, 0.3697



67.2277, 0.2787, 0.3338



67.2277, 0.2829, 0.2901



67.2277, 0.3476, 0.3230

Rectangle

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



67.2277, 0.3424, 0.3697



67.2277, 0.3049, 0.3603



67.2277, 0.2829, 0.2901



67.2277, 0.3193, 0.3004

Sweetspot

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



67.2307, 0.3424, 0.3697



97.6600, 0.3218, 0.3416



51.1415, 0.3444, 0.3218



20.8499, 0.3228, 0.3430



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.



67.2307, 0.3424, 0.3697



91.5263, 0.3493, 0.3789



68.1508, 0.3301, 0.3778



14.9285, 0.3270, 0.3489



30.2687, 0.4470, 0.4833



2.0500, 0.4418, 0.4874

Inverse Universe

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



49.5278, 0.2818, 0.2847



62.5555, 0.2742, 0.2736



48.9034, 0.2928, 0.2788



12.9173, 0.2981, 0.3083



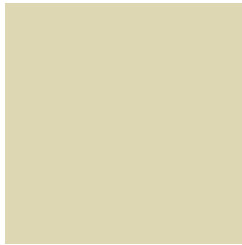
3.7234, 0.1534, 0.0720



0.3395, 0.1602, 0.0967

Previews

White Background



This preview shows how the Yxy color 67.2277, 0.3424, 0.3697 looks on a white background.

Color Contrast Check

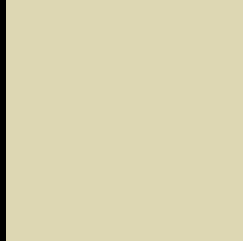
Large Text (above 18pt) WCAG AA × Fail

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 67.2277, 0.3424, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

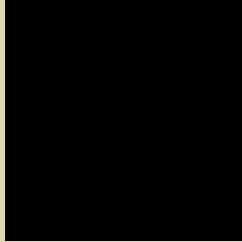
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

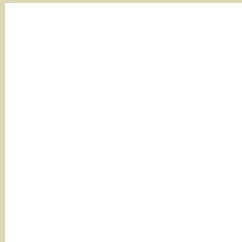
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2277, 0.3424, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 67.2277, 0.3424, 0.3697.



This preview shows how white text looks on a background with the Yxy color 67.2277, 0.3424, 0.3697.

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

67.2277, 0.3424, 0.3697

Protanopia

66.9716, 0.3474, 0.3682

Deuteranopia

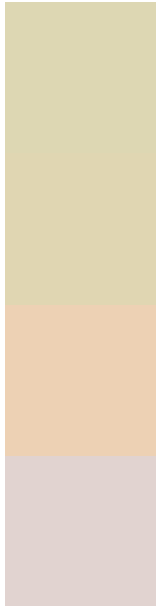
67.0716, 0.3629, 0.3557



Tritanopia

67.3681, 0.3150, 0.3118

Trichromacy



Original Color

67.2277, 0.3424, 0.3697

Protanomaly

67.1548, 0.3457, 0.3695

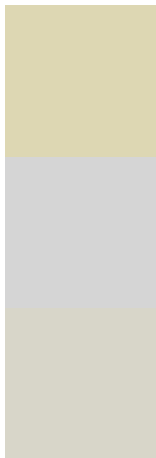
Deuteranomaly

66.9007, 0.3556, 0.3607

Tritanomaly

67.1501, 0.3253, 0.3323

Monochromacy



Original Color

67.2277, 0.3424, 0.3697

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.9091, 0.3231, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2277, 0.3424, 0.3697 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(221, 215, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 179)  
}
```

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(221, 215, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 179) }
```

Border

The CSS property to change the border of an element to Yxy 67.2277, 0.3424, 0.3697 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(221, 215, 179) }
```

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

```
.border{ border-color:rgb(221, 215, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 215, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 215, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 215, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 215,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2277, 0.3424, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 179) }
```

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

```
.background{ background-color: rgb(221,  
215, 179) }
```

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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