

Converting Colors

$Yxy(68.3861, 0.3475, 0.3755)$

Have a look what the booklet for
Yxy(68.3861, 0.3475, 0.3755)
contains.

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Color

Yxy(68.5681, 0.3472, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	E0D9AF
RGB	224, 217, 175
RGB Percent	88%, 85%, 69%
CMY	0.1214, 0.1490, 0.3138
CMYK	0.00, 0.03, 0.22, 0.12
HSL	51°, 44%, 78%
HSV	51°, 22%, 88%
XYZ	63.2992, 68.5681, 50.4461
YIQ	214.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

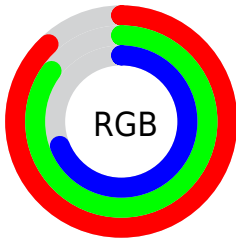
Format	Color
R _Y B	183, 224, 175
Decimal	14735791
CIE Lab	86.29, -4.26, 21.60
CIE LCh	86, 22.021, 101.166
Yxy	68.5681, 0.3472, 0.3761
Android (android.graphics.Color)	4292925871 (0xFFE0D9AF)
YUV	214.3050, -19.3774, 8.5025
Hunter-Lab	82.8059, -8.4596, 21.8441

Details

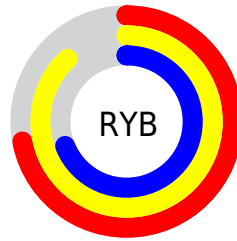
The Yxy color **68.5681, 0.3472, 0.3761** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.9644, 0.2765, 0.2771**, and the grayscale version is **67.5897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **35.5706, 0.3553, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **66.1196, 0.3640, 0.3981**, and if you desaturate by 10%, it is **71.2012, 0.3309, 0.3542**.

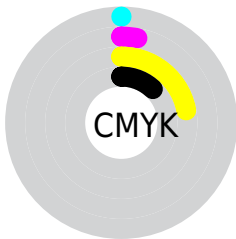
Distribution



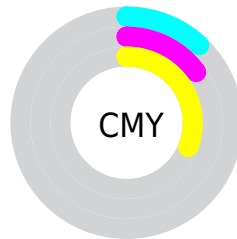
- Red (88%)
- Green (85%)
- Blue (69%)



- Red (72%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5681, 0.3472, 0.3761 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 68.5681, 0.3472, 0.3761 by changing the saturation by 10% instead.

■ 68.5681, 0.3472,
0.3761

■ 68.5681, 0.3472,
0.3761

455.5062, 0.3312,
0.3539

■ 50.3600, 0.3508,
0.3812

■ 117.1645, 0.3417,
0.3683

■ 35.6996, 0.3553,
0.3876

148.3216, 0.3395,
0.3653

■ 24.2023, 0.3609,
0.3957

184.5639, 0.3377,
0.3628

■ 15.4837, 0.3681,
0.4063

226.2757, 0.3360,
0.3605

■ 9.1596, 0.3777,
0.4208

273.8414, 0.3346,
0.3586

■ 4.8454, 0.3909,
0.4416

327.6455, 0.3334,

■ 2.1568, 0.4171,

0.3568

0.4817

388.0723, 0.3322,
0.3553

0.6963, 0.4447,
0.5553

0.0000, 0.0000,
0.0000

68.5681, 0.3472,
0.3761

68.5681, 0.3472,
0.3761

66.1196, 0.3640,
0.3981

71.2012, 0.3309,
0.3542

63.8390, 0.3808,
0.4193

74.0165, 0.3155,
0.3329

61.7215, 0.3970,
0.4388

77.0236, 0.3012,
0.3127

59.7582, 0.4120,
0.4557

79.5947, 0.2935,
0.3031

■ 57.9395, 0.4250,
0.4689

■ 81.4015, 0.2936,
0.3065

■ 56.2540, 0.4354,
0.4778

■ 83.2415, 0.2936,
0.3099

■ 54.6883, 0.4431,
0.4821

■ 85.1149, 0.2937,
0.3132

■ 53.4898, 0.4475,
0.4829

■ 87.0219, 0.2938,
0.3165

■ 88.9627, 0.2939,
0.3198

Harmonies

Analogous

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



68.5681, 0.3634, 0.3645



68.5681, 0.3472, 0.3761



68.5681, 0.3221, 0.3746

Triad

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



68.5681, 0.3472, 0.3761



68.5681, 0.2625, 0.3099



68.5681, 0.3291, 0.3014

Complementary

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



68.5681, 0.3472, 0.3761



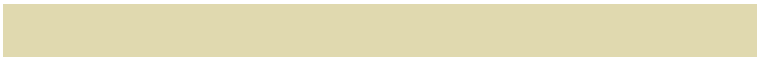
47.9644, 0.2765, 0.2771

Split Complementary

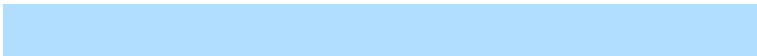
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.5681, 0.3016, 0.2879



68.5681, 0.3472, 0.3761



68.5681, 0.2641, 0.2918

Square

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



68.5681, 0.3472, 0.3761



68.5681, 0.2737, 0.3348



68.5681, 0.2781, 0.2842



68.5681, 0.3529, 0.3217

Rectangle

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



68.5681, 0.3472, 0.3761



68.5681, 0.3039, 0.3657



68.5681, 0.2781, 0.2842



68.5681, 0.3199, 0.2960

Sweetspot

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



68.5712, 0.3472, 0.3761



97.2779, 0.3233, 0.3438



49.8987, 0.3505, 0.3206



20.7725, 0.3243, 0.3451



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.



68.5712, 0.3472, 0.3761



90.5137, 0.3544, 0.3856



69.6753, 0.3328, 0.3858



15.6763, 0.3271, 0.3489



31.2521, 0.4470, 0.4833



2.2593, 0.4421, 0.4872

Inverse Universe

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



47.9644, 0.2765, 0.2771



58.4916, 0.2685, 0.2653



47.2637, 0.2892, 0.2703



13.5594, 0.2981, 0.3083



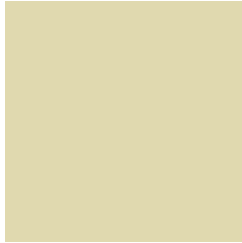
3.8398, 0.1533, 0.0719



0.3682, 0.1598, 0.0951

Previews

White Background



This preview shows how the Yxy color 68.5681, 0.3472, 0.3761 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 68.5681, 0.3472, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

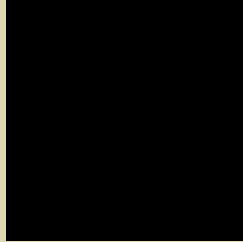
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

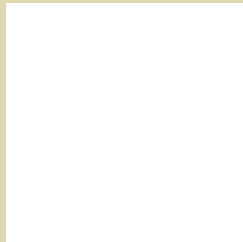
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5681, 0.3472, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 68.5681, 0.3472, 0.3761.



This preview shows how white text looks on a background with the Yxy color 68.5681, 0.3472, 0.3761.

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

68.5681, 0.3472, 0.3761

Protanopia

68.3149, 0.3522, 0.3745

Deuteranopia

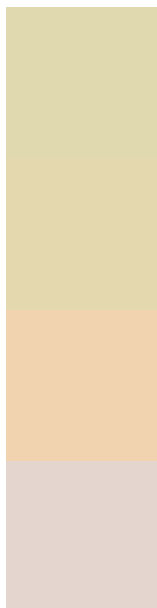
68.1240, 0.3689, 0.3607



Tritanopia

68.5731, 0.3172, 0.3120

Trichromacy



Original Color

68.5681, 0.3472, 0.3761

Protanomaly

68.4986, 0.3504, 0.3758

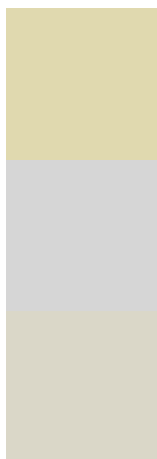
Deuteranomaly

68.4239, 0.3613, 0.3668

Tritanomaly

68.5875, 0.3281, 0.3356

Monochromacy



Original Color

68.5681, 0.3472, 0.3761

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6764, 0.3252, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5681, 0.3472, 0.3761 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(224, 217, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 175)  
}
```

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(224, 217, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 175) }
```

Border

The CSS property to change the border of an element to Yxy 68.5681, 0.3472, 0.3761 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(224, 217, 175) }
```

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

```
.border{ border-color:rgb(224, 217, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 217, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5681, 0.3472, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 175) }
```

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

```
.background{ background-color: rgb(224,  
217, 175) }
```

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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