

Converting Colors

Yxy(66.0567, 0.3571, 0.3722)

Have a look what the booklet for
Yxy(66.0567, 0.3571, 0.3722)
contains.

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Color

Yxy(66.0224, 0.3573, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	E7D2AB
RGB	231, 210, 171
RGB Percent	91%, 82%, 67%
CMY	0.0942, 0.1764, 0.3295
CMYK	0.00, 0.09, 0.26, 0.09
HSL	39°, 56%, 79%
HSV	39°, 26%, 91%
XYZ	63.3453, 66.0224, 47.9212
YIQ	211.8330, 25.0350, -7.6770

Conversions

Conversions Part 2

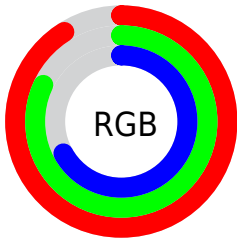
Format	Color
R _Y B	203, 231, 171
Decimal	15192747
CIE Lab	85.01, 1.37, 22.02
CIE LCh	85, 22.062, 86.447
Yxy	66.0224, 0.3573, 0.3724
Android (android.graphics.Color)	4293382827 (0xFFE7D2AB)
YUV	211.8330, -20.1307, 16.8095
Hunter-Lab	81.2542, -3.0371, 21.9105

Details

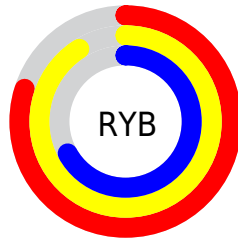
The Yxy color **66.0224, 0.3573, 0.3724** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0977, 0.2703, 0.2814**, and the grayscale version is **65.8445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **34.2228, 0.3678, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **61.3348, 0.3773, 0.3897**, and if you desaturate by 10%, it is **71.0709, 0.3388, 0.3552**.

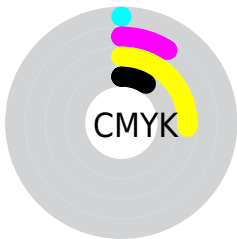
Distribution



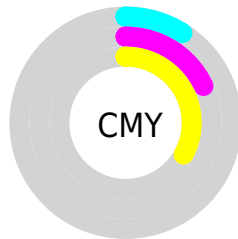
- Red (91%)
- Green (82%)
- Blue (67%)



- Red (80%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0224, 0.3573, 0.3724 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 66.0224, 0.3573, 0.3724 by changing the saturation by 10% instead.


 66.0224, 0.3573,
0.3724

 66.0224, 0.3573,
0.3724

446.4570, 0.3364,
0.3521

 48.2906, 0.3621,
0.3770


 113.5185, 0.3500,
0.3653

 34.0571, 0.3681,
0.3828


144.0515, 0.3472,
0.3626

 22.9374, 0.3757,
0.3900


179.6205, 0.3447,
0.3602

 14.5473, 0.3856,
0.3994

220.6097, 0.3426,
0.3582

 8.5023, 0.3990,
0.4120

267.4035, 0.3408,
0.3564

 4.4180, 0.4178,
0.4295

320.3864, 0.3391,

 1.9100, 0.4620,

0.3548

0.4715

379.9428, 0.3377,
0.3534

0.5544, 0.5027,
0.4973

0.0000, 0.0000,
0.0000

66.0224, 0.3573,
0.3724

66.0224, 0.3573,
0.3724

61.3348, 0.3773,
0.3897

71.0709, 0.3388,
0.3552

56.9882, 0.3985,
0.4063

76.4815, 0.3220,
0.3386

52.9737, 0.4203,
0.4213

82.2671, 0.3068,
0.3228

49.2788, 0.4417,
0.4335

87.8861, 0.2981,
0.3162

45.8894, 0.4618,
0.4419

92.8046, 0.2981,
0.3243

42.7894, 0.4794,
0.4454

95.7254, 0.2981,
0.3290

39.9598, 0.4938,
0.4436

38.8863, 0.4990,
0.4420

Harmonies

Analogous

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



66.0224, 0.3672, 0.3557



66.0224, 0.3573, 0.3724



66.0224, 0.3354, 0.3779

Triad

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



66.0224, 0.3573, 0.3724



66.0224, 0.2658, 0.3215



66.0224, 0.3156, 0.2933

Complementary

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



66.0224, 0.3573, 0.3724



52.0977, 0.2703, 0.2814

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.



66.0224, 0.2888, 0.2842



66.0224, 0.3573, 0.3724



66.0224, 0.2610, 0.2990

Square

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



66.0224, 0.3573, 0.3724



66.0224, 0.2828, 0.3476



66.0224, 0.2692, 0.2859



66.0224, 0.3426, 0.3109

Rectangle

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



66.0224, 0.3573, 0.3724



66.0224, 0.3173, 0.3735



66.0224, 0.2692, 0.2859



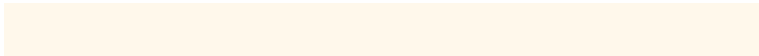
66.0224, 0.3062, 0.2891

Sweetspot

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



66.0254, 0.3573, 0.3724



94.2914, 0.3253, 0.3419



49.9078, 0.3489, 0.3054



19.9597, 0.3278, 0.3444



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.



66.0254, 0.3573, 0.3724



79.5390, 0.3675, 0.3814



75.6057, 0.3452, 0.3953



15.9251, 0.3276, 0.3443



22.0457, 0.4974, 0.4433



1.8016, 0.4831, 0.4547

Inverse Universe

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



52.0977, 0.2703, 0.2814



59.4257, 0.2612, 0.2702



44.5866, 0.2746, 0.2562



14.7067, 0.2981, 0.3133



6.7198, 0.1646, 0.1125



0.6658, 0.1727, 0.1418

Previews

White Background



This preview shows how the Yxy color 66.0224, 0.3573, 0.3724 looks on a white background.

Color Contrast Check

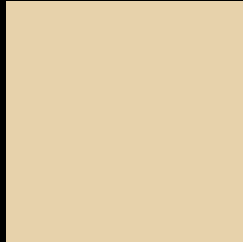
Large Text (above 18pt) WCAG AA × Fail

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 66.0224, 0.3573, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

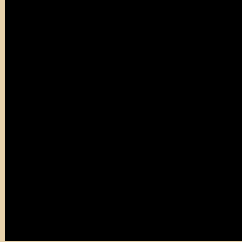
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

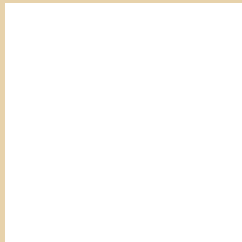
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0224, 0.3573, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 66.0224, 0.3573, 0.3724.



This preview shows how white text looks on a background with the Yxy color 66.0224, 0.3573, 0.3724.

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

66.0224, 0.3573, 0.3724

Protanopia

66.0731, 0.3513, 0.3741

Deuteranopia

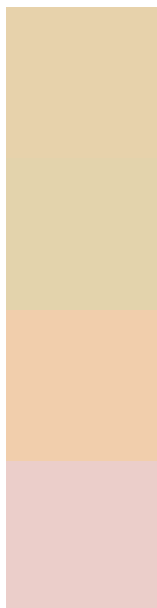
65.9384, 0.3713, 0.3632



Tritanopia

65.8309, 0.3274, 0.3120

Trichromacy



Original Color

66.0224, 0.3573, 0.3724

Protanomaly

65.8980, 0.3531, 0.3728

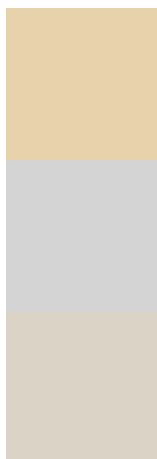
Deuteranomaly

65.8219, 0.3658, 0.3659

Tritanomaly

66.0690, 0.3381, 0.3334

Monochromacy



Original Color

66.0224, 0.3573, 0.3724

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6798, 0.3286, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0224, 0.3573, 0.3724 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(231, 210, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 171)  
}
```

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(231, 210, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 171) }
```

Border

The CSS property to change the border of an element to Yxy 66.0224, 0.3573, 0.3724 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(231, 210, 171) }
```

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

```
.border{ border-color:rgb(231, 210, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 210, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 210, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 210, 171); box-shadow:4px 4px 4px 4px rgb(231, 210, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0224, 0.3573, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 171) }
```

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

```
.background{ background-color: rgb(231,  
210, 171) }
```

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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