

Converting Colors

$Yxy(68.4832, 0.3582, 0.3693)$

Have a look what the booklet for
Yxy(68.4832, 0.3582, 0.3693)
contains.

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Color

Yxy(68.7276, 0.3576, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	EDD5B0
RGB	237, 213, 176
RGB Percent	93%, 84%, 69%
CMY	0.0707, 0.1647, 0.3099
CMYK	0.00, 0.10, 0.26, 0.07
HSL	36°, 63%, 81%
HSV	36°, 26%, 93%
XYZ	66.5502, 68.7276, 50.8246
YIQ	215.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

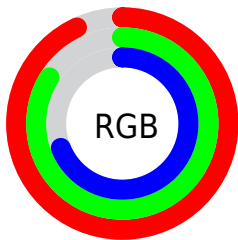
Format	Color
R _Y B	216, 237, 176
Decimal	15586736
CIE Lab	86.37, 2.74, 21.35
CIE LCh	86, 21.530, 82.675
Yxy	68.7276, 0.3576, 0.3693
Android (android.graphics.Color)	4293776816 (0xFFEDD5B0)
YUV	215.9580, -19.6993, 18.4538
Hunter-Lab	82.9021, -1.7867, 21.6827

Details

The Yxy color **68.7276, 0.3576, 0.3693** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6302, 0.2710, 0.2851**, and the grayscale version is **68.7625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **35.5871, 0.3684, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **63.3215, 0.3783, 0.3856**, and if you desaturate by 10%, it is **74.5728, 0.3387, 0.3532**.

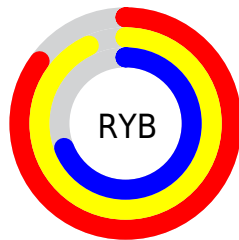
Distribution



Red (93%)

Green (84%)

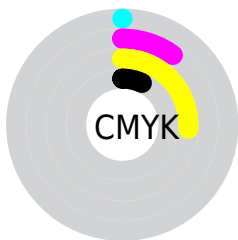
Blue (69%)



Red (85%)

Yellow (93%)

Blue (69%)

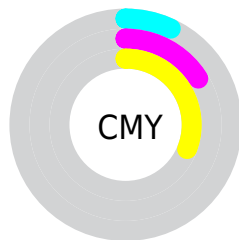


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7276, 0.3576, 0.3693 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 68.7276, 0.3576, 0.3693 by changing the saturation by 10% instead.

 68.7276, 0.3576,
0.3693

 68.7276, 0.3576,
0.3693


456.0696, 0.3366,
0.3507

 50.4899, 0.3624,
0.3735


 117.3924, 0.3503,
0.3629

 35.8028, 0.3684,
0.3787

148.5883, 0.3475,
0.3603

 24.2819, 0.3759,
0.3852


184.8724, 0.3450,
0.3582

 15.5429, 0.3857,
0.3937

226.6291, 0.3429,
0.3563

 9.2013, 0.3990,
0.4048

274.2428, 0.3410,
0.3546

 4.8727, 0.4177,
0.4202

328.0978, 0.3394,

 2.1728, 0.4521,

0.3532

0.4487

388.5787, 0.3379,
0.3518

0.7051, 0.5111,
0.4889

0.0000, 0.0000,
0.0000

68.7276, 0.3576,
0.3693

68.7276, 0.3576,
0.3693

63.3215, 0.3783,
0.3856

74.5728, 0.3387,
0.3532

58.3320, 0.4006,
0.4012

80.8599, 0.3216,
0.3376

53.7486, 0.4237,
0.4154

87.6037, 0.3065,
0.3228

49.5561, 0.4469,
0.4268

93.7569, 0.3018,
0.3243

■ 45.7381, 0.4691,
0.4344

■ 96.7416, 0.3017,
0.3290

■ 42.2762, 0.4889,
0.4371

■ 39.1484, 0.5052,
0.4343

■ 37.9044, 0.5115,
0.4321

Harmonies

Analogous

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



68.7276, 0.3654, 0.3522



68.7276, 0.3576, 0.3693



68.7276, 0.3377, 0.3761

Triad

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



68.7276, 0.3576, 0.3693



68.7276, 0.2690, 0.3249



68.7276, 0.3121, 0.2929

Complementary

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



68.7276, 0.3576, 0.3693



56.6302, 0.2710, 0.2851

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.



68.7276, 0.2868, 0.2853



68.7276, 0.3576, 0.3693



68.7276, 0.2627, 0.3025

Square

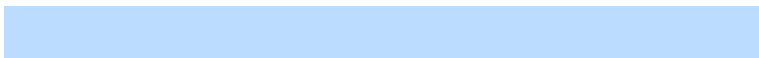
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.7276, 0.3576, 0.3693



68.7276, 0.2866, 0.3499



68.7276, 0.2691, 0.2885



68.7276, 0.3385, 0.3091

Rectangle

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



68.7276, 0.3576, 0.3693



68.7276, 0.3205, 0.3730



68.7276, 0.2691, 0.2885



68.7276, 0.3032, 0.2893

Sweetspot

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



68.7307, 0.3576, 0.3693



93.7465, 0.3254, 0.3411



53.2351, 0.3459, 0.3023



19.8222, 0.3279, 0.3434



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.



68.7307, 0.3576, 0.3693



77.6694, 0.3685, 0.3781



80.6620, 0.3472, 0.3943



16.5757, 0.3278, 0.3433



20.9607, 0.5096, 0.4336



1.8324, 0.4937, 0.4462

Inverse Universe

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



56.6302, 0.2710, 0.2851



61.0768, 0.2616, 0.2743



47.1144, 0.2727, 0.2563



15.5200, 0.2980, 0.3143



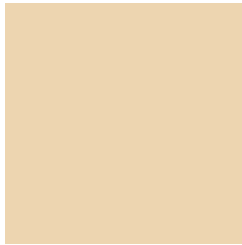
7.8635, 0.1679, 0.1245



0.8001, 0.1756, 0.1520

Previews

White Background



This preview shows how the Yxy color 68.7276, 0.3576, 0.3693 looks on a white background.

Color Contrast Check

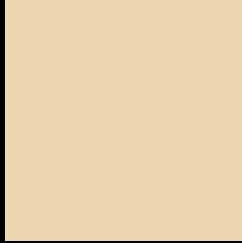
Large Text (above 18pt) WCAG AA × Fail

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 68.7276, 0.3576, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

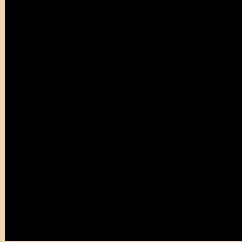
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7276, 0.3576, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 68.7276, 0.3576, 0.3693.



This preview shows how white text looks on a background with the Yxy color 68.7276, 0.3576, 0.3693.

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

68.7276, 0.3576, 0.3693

Protanopia

68.9441, 0.3499, 0.3722

Deuteranopia

68.7953, 0.3694, 0.3616



Tritanopia

69.0080, 0.3286, 0.3124

Trichromacy



Original Color

68.7276, 0.3576, 0.3693

Protanomaly

68.9310, 0.3524, 0.3708

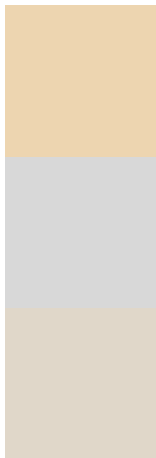
Deuteranomaly

68.8603, 0.3648, 0.3641

Tritanomaly

68.7579, 0.3393, 0.3323

Monochromacy



Original Color

68.7276, 0.3576, 0.3693

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6652, 0.3291, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7276, 0.3576, 0.3693 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(237, 213, 176)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 176)  
}
```

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(237, 213, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 176) }
```

Border

The CSS property to change the border of an element to Yxy 68.7276, 0.3576, 0.3693 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(237, 213, 176) }
```

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

```
.border{ border-color:rgb(237, 213, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 176);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7276, 0.3576, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 176) }
```

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

```
.background{ background-color: rgb(237,  
213, 176) }
```

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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