

Converting Colors

$Yxy(76.6800, 0.3626, 0.3902)$

Have a look what the booklet for
Yxy(76.6800, 0.3626, 0.3902)
contains.

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Color

Yxy(76.6800, 0.3626, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	F2E3A9
RGB	242, 227, 169
RGB Percent	95%, 89%, 66%
CMY	0.0509, 0.1098, 0.3373
CMYK	0.00, 0.06, 0.30, 0.05
HSL	48°, 74%, 81%
HSV	48°, 30%, 95%
XYZ	71.2562, 76.6800, 48.5784
YIQ	224.8730, 27.5580, -14.8580

Conversions

Conversions Part 2

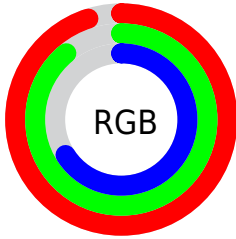
Format	Color
R _Y B	188, 242, 169
Decimal	15917993
CIE Lab	90.17, -3.43, 30.24
CIE LCh	90, 30.429, 96.470
Yxy	76.6800, 0.3626, 0.3902
Android (android.graphics.Color)	4294108073 (0xFFFF2E3A9)
YUV	224.8730, -27.5454, 15.0204
Hunter-Lab	87.5671, -7.9912, 28.4055

Details

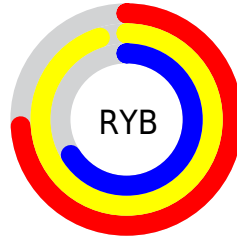
The Yxy color **76.6800, 0.3626, 0.3902** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1418, 0.2613, 0.2592**, and the grayscale version is **75.3903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **41.0803, 0.3737, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **73.1706, 0.3806, 0.4104**, and if you desaturate by 10%, it is **80.4435, 0.3451, 0.3695**.

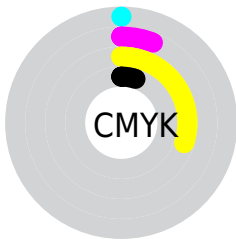
Distribution



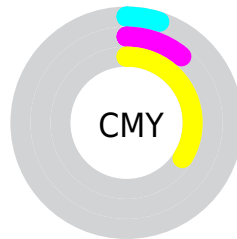
- Red (95%)
- Green (89%)
- Blue (66%)



- Red (74%)
- Yellow (95%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6800, 0.3626, 0.3902 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 76.6800, 0.3626, 0.3902 by changing the saturation by 10% instead.

 76.6800, 0.3626,
0.3902

 76.6800, 0.3626,
0.3902


483.6723, 0.3401,
0.3622

 56.9903, 0.3676,
0.3965


 128.6877, 0.3549,
0.3806

 40.9974, 0.3736,
0.4041


161.7744, 0.3519,
0.3768

 28.3171, 0.3809,
0.4136


200.0956, 0.3493,
0.3735

 18.5648, 0.3902,
0.4257

244.0357, 0.3470,
0.3707

 11.3563, 0.4021,
0.4415

293.9789, 0.3449,
0.3682

 6.3070, 0.4173,
0.4625

350.3099, 0.3431,

 3.0326, 0.4459,

0.3659

0.5015

413.4129, 0.3415,
0.3640

■ 1.1488, 0.4642,
0.5358

■ 0.0193, 0.0000,
1.0000

■ 76.6800, 0.3626,
0.3902

■ 76.6800, 0.3626,
0.3902

■ 73.1706, 0.3806,
0.4104

■ 80.4435, 0.3451,
0.3695

■ 69.8949, 0.3985,
0.4293

■ 84.4599, 0.3285,
0.3490

■ 66.8456, 0.4156,
0.4458

■ 88.7413, 0.3130,
0.3293

■ 64.0105, 0.4311,
0.4589

■ 92.5800, 0.3049,
0.3211

■ 61.3759, 0.4442,
0.4676

■ 95.6672, 0.3048,
0.3260

■ 58.9258, 0.4545,
0.4716

■ 97.6229, 0.3048,
0.3290

■ 56.6722, 0.4619,
0.4715

Harmonies

Analogous

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



76.6800, 0.3821, 0.3716



76.6800, 0.3626, 0.3902



76.6800, 0.3302, 0.3921

Triad

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



76.6800, 0.3626, 0.3902



76.6800, 0.2480, 0.3076



76.6800, 0.3285, 0.2894

Complementary

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



76.6800, 0.3626, 0.3902



49.1418, 0.2613, 0.2592

Split Complementary

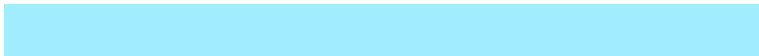
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6800, 0.2922, 0.2737



76.6800, 0.3626, 0.3902



76.6800, 0.2475, 0.2822

Square

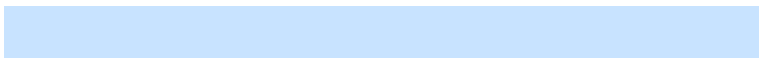
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6800, 0.3626, 0.3902



76.6800, 0.2647, 0.3418



76.6800, 0.2631, 0.2707



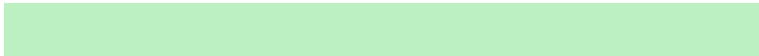
76.6800, 0.3621, 0.3144

Rectangle

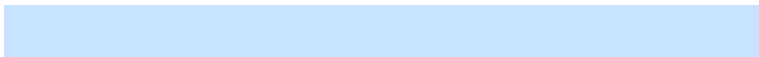
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6800, 0.3626, 0.3902



76.6800, 0.3061, 0.3822



76.6800, 0.2631, 0.2707



76.6800, 0.3161, 0.2829

Sweetspot

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



76.6835, 0.3626, 0.3902



95.6314, 0.3266, 0.3467



50.7527, 0.3659, 0.3118



20.3228, 0.3290, 0.3497



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.



76.6835, 0.3626, 0.3902



83.9606, 0.3732, 0.4023



81.8133, 0.3436, 0.4083



17.8741, 0.3273, 0.3476



30.6378, 0.4611, 0.4721



2.6863, 0.4545, 0.4773

Inverse Universe

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



49.1418, 0.2613, 0.2592



48.5241, 0.2500, 0.2429



45.6946, 0.2744, 0.2441



15.7558, 0.2980, 0.3097



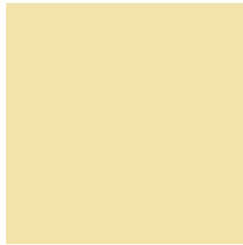
4.8173, 0.1558, 0.0807



0.5387, 0.1622, 0.1037

Previews

White Background



This preview shows how the Yxy color 76.6800, 0.3626, 0.3902 looks on a white background.

Color Contrast Check

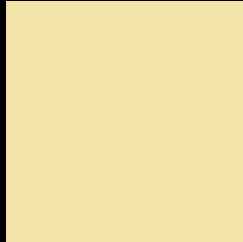
Large Text (above 18pt) WCAG AA × Fail

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 76.6800, 0.3626, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

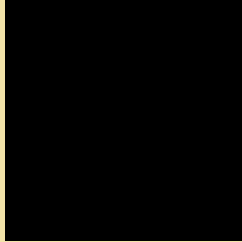
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

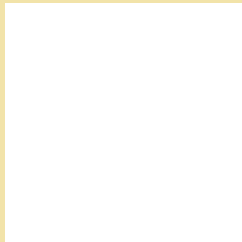
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6800, 0.3626, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 76.6800, 0.3626, 0.3902.

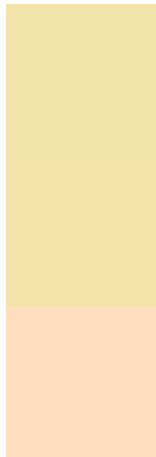


This preview shows how white text looks on a background with the Yxy color 76.6800, 0.3626, 0.3902.

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

76.6800, 0.3626, 0.3902

Protanopia

76.8574, 0.3633, 0.3900

Deuteranopia

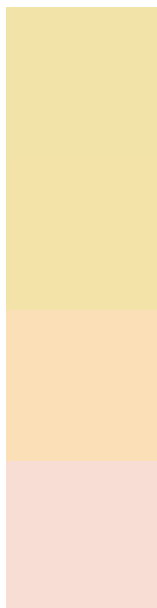
76.7345, 0.3586, 0.3597



Tritanopia

76.4650, 0.3243, 0.3119

Trichromacy



Original Color

76.6800, 0.3626, 0.3902

Protanomaly

76.8574, 0.3633, 0.3900

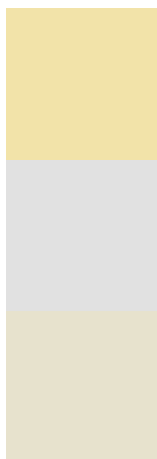
Deuteranomaly

76.5182, 0.3600, 0.3705

Tritanomaly

76.1902, 0.3384, 0.3394

Monochromacy



Original Color

76.6800, 0.3626, 0.3902

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7894, 0.3301, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6800, 0.3626, 0.3902 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(242, 227, 169)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 169)  
}
```

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(242, 227, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 169) }
```

Border

The CSS property to change the border of an element to Yxy 76.6800, 0.3626, 0.3902 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(242, 227, 169) }
```

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

```
.border{ border-color:rgb(242, 227, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 227, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 227, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 227, 169); box-shadow:4px 4px 4px 4px rgb(242, 227, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6800, 0.3626, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 227, 169) }
```

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

```
.background{ background-color: rgb(242,  
227, 169) }
```

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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