

Converting Colors

$Yxy(76.0387, 0.3616, 0.3793)$

Have a look what the booklet for
Yxy(76.0387, 0.3616, 0.3793)
contains.

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Color

Yxy(76.0387, 0.3616, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	F6E0B0
RGB	246, 224, 176
RGB Percent	96%, 88%, 69%
CMY	0.0354, 0.1215, 0.3097
CMYK	0.00, 0.09, 0.28, 0.04
HSL	41°, 79%, 83%
HSV	41°, 28%, 96%
XYZ	72.4904, 76.0387, 51.9421
YIQ	225.1060, 28.5200, -10.2640

Conversions

Conversions Part 2

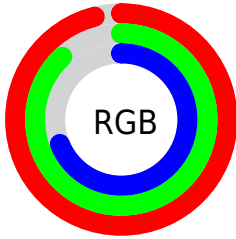
Format	Color
RYB	208, 246, 176
Decimal	16179376
CIELab	89.88, 0.46, 26.27
CIELCh	90, 26.278, 89.001
Yxy	76.0387, 0.3616, 0.3793
Android (android.graphics.Color)	4294369456 (0xFFFF6E0B0)
YUV	225.1060, -24.2093, 18.3240
Hunter-Lab	87.2002, -4.2115, 25.7232

Details

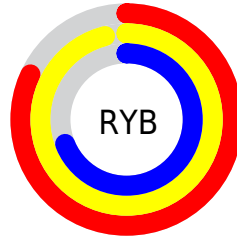
The Yxy color **76.0387, 0.3616, 0.3793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.2594, 0.2655, 0.2729**, and the grayscale version is **75.5376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **40.6248, 0.3729, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **71.0994, 0.3814, 0.3974**, and if you desaturate by 10%, it is **81.3497, 0.3430, 0.3611**.

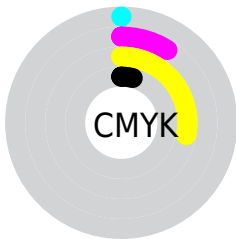
Distribution



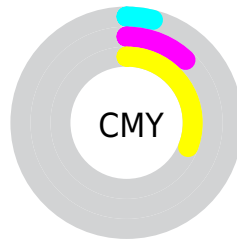
- Red (96%)
- Green (88%)
- Blue (69%)



- Red (82%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0387, 0.3616, 0.3793 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 76.0387, 0.3616, 0.3793 by changing the saturation by 10% instead.


 76.0387, 0.3616,
0.3793

 76.0387, 0.3616,
0.3793

481.4802, 0.3393,
0.3564

 56.4642, 0.3666,
0.3844


 127.7816, 0.3539,
0.3714

 40.5753, 0.3727,
0.3906

160.7189, 0.3509,
0.3684

 27.9873, 0.3802,
0.3984


198.8791, 0.3483,
0.3657

 18.3161, 0.3899,
0.4082

242.6469, 0.3461,
0.3634

 11.1772, 0.4025,
0.4211

292.4065, 0.3441,
0.3613

 6.1861, 0.4195,
0.4383

348.5423, 0.3423,

 2.9586, 0.4465,

0.3595

411.4387, 0.3407,
0.3578

0.4656

1.1102, 0.4904,
0.5096

0.0000, 0.0000,
0.0000

76.0387, 0.3616,
0.3793

76.0387, 0.3616,
0.3793

71.0994, 0.3814,
0.3974

81.3497, 0.3430,
0.3611

66.5094, 0.4020,
0.4144

87.0331, 0.3259,
0.3434

62.2592, 0.4227,
0.4296

93.1032, 0.3104,
0.3264

58.3347, 0.4425,
0.4416

98.2560, 0.3072,
0.3289

■ 54.7199, 0.4605,
0.4494

■ 98.3263, 0.3072,
0.3290

■ 51.3967, 0.4757,
0.4522

■ 48.3400, 0.4877,
0.4501

■ 47.8808, 0.4895,
0.4495

Harmonies

Analogous

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



76.0387, 0.3744, 0.3609



76.0387, 0.3616, 0.3793



76.0387, 0.3358, 0.3846

Triad

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



76.0387, 0.3616, 0.3793



76.0387, 0.2586, 0.3178



76.0387, 0.3186, 0.2901

Complementary

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



76.0387, 0.3616, 0.3793



56.2594, 0.2655, 0.2729

Split Complementary

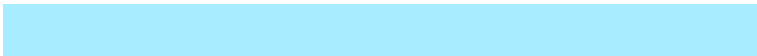
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0387, 0.2878, 0.2788



76.0387, 0.3616, 0.3793



76.0387, 0.2545, 0.2931

Square

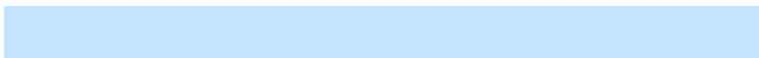
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0387, 0.3616, 0.3793



76.0387, 0.2766, 0.3477



76.0387, 0.2649, 0.2795



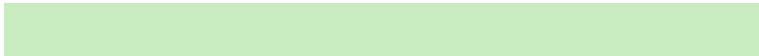
76.0387, 0.3490, 0.3104

Rectangle

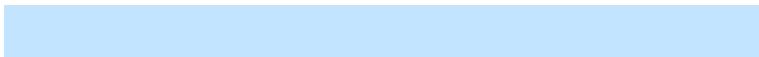
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0387, 0.3616, 0.3793



76.0387, 0.3150, 0.3787



76.0387, 0.2649, 0.2795



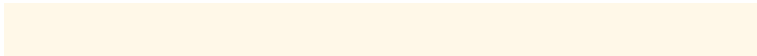
76.0387, 0.3079, 0.2851

Sweetspot

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



76.0422, 0.3616, 0.3793



94.0999, 0.3269, 0.3444



54.7315, 0.3557, 0.3054



19.9440, 0.3293, 0.3469



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

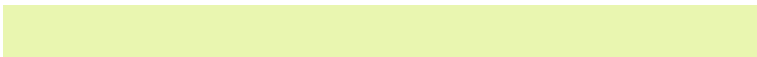
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0422, 0.3616, 0.3793



79.4718, 0.3726, 0.3895



86.3724, 0.3468, 0.4024



18.3851, 0.3276, 0.3452



25.8277, 0.4881, 0.4507



2.4534, 0.4773, 0.4592

Inverse Universe

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



56.2594, 0.2655, 0.2729



54.8352, 0.2553, 0.2598



48.5109, 0.2719, 0.2483



16.7752, 0.2980, 0.3123



6.6195, 0.1619, 0.1029



0.7580, 0.1688, 0.1275

Previews

White Background



This preview shows how the Yxy color 76.0387, 0.3616, 0.3793 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 76.0387, 0.3616, 0.3793 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 76.0387, 0.3616, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 76.0387, 0.3616, 0.3793.



This preview shows how white text looks on a background with the Yxy color 76.0387, 0.3616, 0.3793.

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

76.0387, 0.3616, 0.3793

Protanopia

76.2678, 0.3566, 0.3809

Deuteranopia

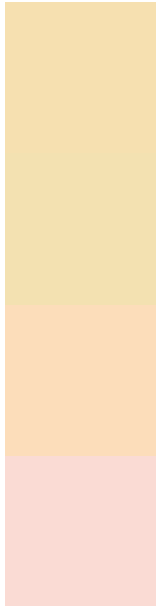
75.7288, 0.3584, 0.3567



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

76.0387, 0.3616, 0.3793

Protanomaly

76.0794, 0.3584, 0.3796

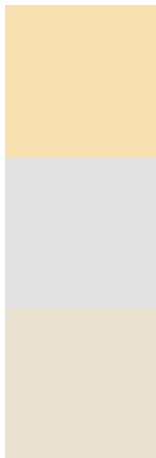
Deuteranomaly

75.9535, 0.3599, 0.3652

Tritanomaly

75.7405, 0.3402, 0.3363

Monochromacy



Original Color

76.0387, 0.3616, 0.3793

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.6791, 0.3303, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0387, 0.3616, 0.3793 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(246, 224, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 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(246, 224, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 176) }
```

Border

The CSS property to change the border of an element to Yxy 76.0387, 0.3616, 0.3793 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(246, 224, 176) }
```

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

```
.border{ border-color:rgb(246, 224, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 224, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 224, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 224, 176);  
box-shadow:4px 4px 4px 4px rgb(246, 224,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0387, 0.3616, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 176) }
```

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

```
.background{ background-color: rgb(246,  
224, 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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