

Converting Colors

$Yxy(76.3034, 0.3715, 0.3958)$

Have a look what the booklet for
Yxy(76.3034, 0.3715, 0.3958)
contains.

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Color

Yxy(76.0165, 0.3717, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	F6E1A1
RGB	246, 225, 161
RGB Percent	96%, 88%, 63%
CMY	0.0352, 0.1177, 0.3687
CMYK	0.00, 0.09, 0.35, 0.04
HSL	45°, 83%, 80%
HSV	45°, 35%, 96%
XYZ	71.3699, 76.0165, 44.6230
YIQ	223.9830, 33.0600, -15.4520

Conversions

Conversions Part 2

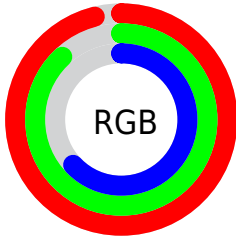
Format	Color
R _Y B	189, 246, 161
Decimal	16179617
CIE Lab	89.87, -1.86, 33.97
CIE LCh	90, 34.022, 93.140
Yxy	76.0165, 0.3717, 0.3959
Android (android.graphics.Color)	4294369697 (0xFFFF6E1A1)
YUV	223.9830, -31.0506, 19.3089
Hunter-Lab	87.1874, -6.4615, 30.6863

Details

The Yxy color **76.0165, 0.3717, 0.3959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6933, 0.2535, 0.2515**, and the grayscale version is **74.7402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **40.6724, 0.3847, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **72.0049, 0.3906, 0.4149**, and if you desaturate by 10%, it is **80.3230, 0.3533, 0.3762**.

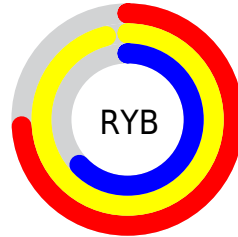
Distribution



Red (96%)

Green (88%)

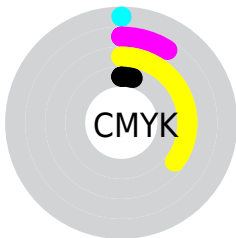
Blue (63%)



Red (74%)

Yellow (96%)

Blue (63%)

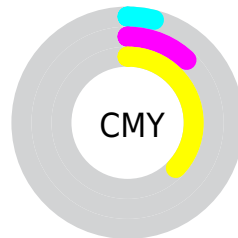


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (4%)



Cyan (4%)


Magenta (12%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0165, 0.3717, 0.3959 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 76.0165, 0.3717, 0.3959 by changing the saturation by 10% instead.

 76.0165, 0.3717,
0.3959

 76.0165, 0.3717,
0.3959


481.4042, 0.3451,
0.3654

 56.4460, 0.3775,
0.4026


 127.7502, 0.3626,
0.3855

 40.5607, 0.3846,
0.4108


 160.6823, 0.3591,
0.3814

 27.9759, 0.3932,
0.4209


198.8370, 0.3560,
0.3778

 18.3075, 0.4040,
0.4335

242.5988, 0.3532,
0.3747

 11.1710, 0.4175,
0.4497

292.3520, 0.3508,
0.3720

 6.1820, 0.4346,
0.4704

348.4810, 0.3487,

 2.9560, 0.4766,

0.3696

0.5200

411.3703, 0.3468,
0.3674

■ 1.1088, 0.4747,
0.5253

■ 0.0000, 0.0000,
0.0000

■ 76.0165, 0.3717,
0.3959

■ 76.0165, 0.3717,
0.3959

■ 72.0049, 0.3906,
0.4149

■ 80.3230, 0.3533,
0.3762

■ 68.2666, 0.4094,
0.4321

■ 84.9244, 0.3359,
0.3565

■ 64.7926, 0.4273,
0.4466

■ 89.8339, 0.3197,
0.3374

■ 61.5692, 0.4434,
0.4572

■ 94.7742, 0.3073,
0.3235

■ 58.5805, 0.4570,
0.4632

■ 98.3374, 0.3072,
0.3290

■ 55.8075, 0.4674,
0.4643

■ 54.3759, 0.4721,
0.4633

Harmonies

Analogous

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



76.0165, 0.3916, 0.3730



76.0165, 0.3717, 0.3959



76.0165, 0.3365, 0.4011

Triad

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



76.0165, 0.3717, 0.3959



76.0165, 0.2418, 0.3086



76.0165, 0.3256, 0.2824

Complementary

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



76.0165, 0.3717, 0.3959



47.6933, 0.2535, 0.2515

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.



76.0165, 0.2854, 0.2664



76.0165, 0.3717, 0.3959



76.0165, 0.2392, 0.2789

Square

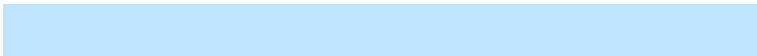
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0165, 0.3717, 0.3959



76.0165, 0.2620, 0.3477



76.0165, 0.2546, 0.2646



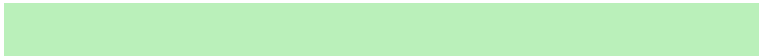
76.0165, 0.3645, 0.3091

Rectangle

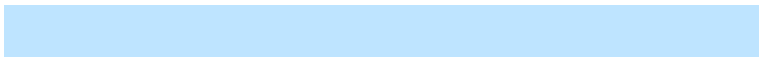
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0165, 0.3717, 0.3959



76.0165, 0.3095, 0.3917



76.0165, 0.2546, 0.2646



76.0165, 0.3118, 0.2757

Sweetspot

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



76.0200, 0.3717, 0.3959



94.5080, 0.3283, 0.3477



48.4708, 0.3741, 0.3062



20.0693, 0.3306, 0.3504



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

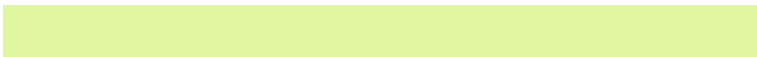
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0200, 0.3717, 0.3959



79.5975, 0.3840, 0.4084



84.4697, 0.3499, 0.4199



18.5788, 0.3275, 0.3467



29.2498, 0.4710, 0.4642



2.7316, 0.4632, 0.4705

Inverse Universe

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



47.6933, 0.2535, 0.2515



44.9158, 0.2411, 0.2339



42.1164, 0.2654, 0.2294



16.5923, 0.2979, 0.3106



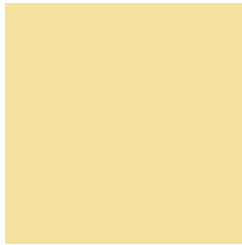
5.5077, 0.1578, 0.0882



0.6399, 0.1643, 0.1113

Previews

White Background



This preview shows how the Yxy color 76.0165, 0.3717, 0.3959 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 76.0165, 0.3717, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

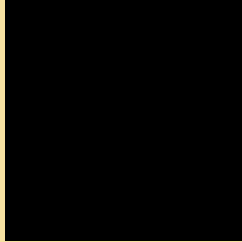
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0165, 0.3717, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 76.0165, 0.3717, 0.3959.

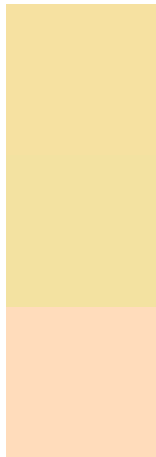


This preview shows how white text looks on a background with the Yxy color 76.0165, 0.3717, 0.3959.

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

76.0165, 0.3717, 0.3959

Protanopia

76.0206, 0.3690, 0.3974

Deuteranopia

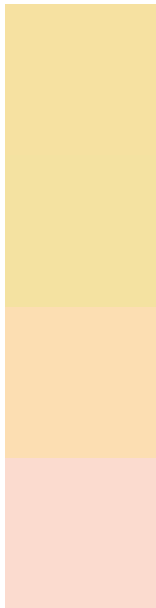
76.0343, 0.3618, 0.3629



Tritanopia

76.0658, 0.3288, 0.3121

Trichromacy



Original Color

76.0165, 0.3717, 0.3959

Protanomaly

76.1990, 0.3698, 0.3972

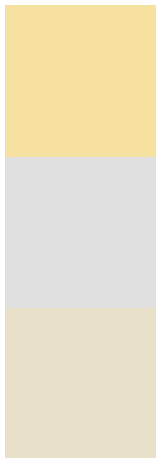
Deuteranomaly

76.1524, 0.3654, 0.3745

Tritanomaly

75.6773, 0.3446, 0.3414

Monochromacy



Original Color

76.0165, 0.3717, 0.3959

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6842, 0.3338, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0165, 0.3717, 0.3959 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, 225, 161)` looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 161)  
}
```

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, 225, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 161) }
```

Border

The CSS property to change the border of an element to Yxy 76.0165, 0.3717, 0.3959 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, 225, 161) }
```

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

```
.border{ border-color:rgb(246, 225, 161) }
```

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

Here you see how a box with a 4 pixel rgb(246, 225, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 225, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 225, 161);  
box-shadow:4px 4px 4px 4px rgb(246, 225,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0165, 0.3717, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 161) }
```

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

```
.background{ background-color: rgb(246,  
225, 161) }
```

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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