

Converting Colors

$Yxy(76.7624, 0.3379, 0.3725)$

Have a look what the booklet for
Yxy(76.7624, 0.3379, 0.3725)
contains.

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Color

Yxy(76.8053, 0.3374, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	E4E6BE
RGB	228, 230, 190
RGB Percent	89%, 90%, 75%
CMY	0.1058, 0.0980, 0.2550
CMYK	0.01, 0.00, 0.17, 0.10
HSL	63°, 44%, 82%
HSV	63°, 17%, 90%
XYZ	69.5868, 76.8053, 59.8520
YIQ	224.8420, 11.6480, -12.8640

Conversions

Conversions Part 2

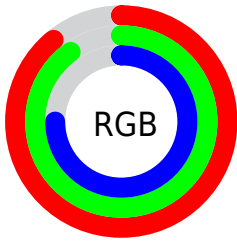
Format	Color
R_{YB}	190, 230, 192
Decimal	15001278
CIE _{Lab}	90.23, -7.25, 19.32
CIE _{LCh}	90, 20.641, 110.572
Yxy	76.8053, 0.3374, 0.3724
Android (android.graphics.Color)	4293191358 (0xFFE4E6BE)
YUV	224.8420, -17.1771, 2.7696
Hunter-Lab	87.6386, -11.6352, 20.8555

Details

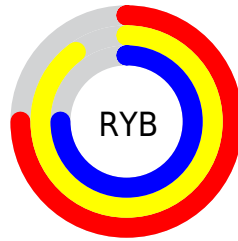
The Yxy color **76.8053, 0.3374, 0.3724** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.7259, 0.2856, 0.2820**, and the grayscale version is **75.2970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **41.2367, 0.3420, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **75.6952, 0.3517, 0.3979**, and if you desaturate by 10%, it is **78.0821, 0.3231, 0.3472**.

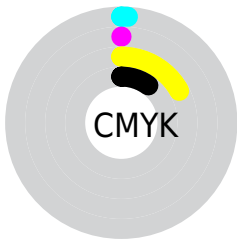
Distribution



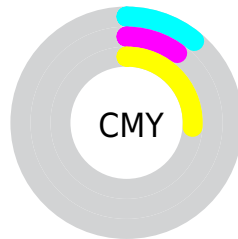
- Red (89%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.8053, 0.3374, 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 76.8053, 0.3374, 0.3724 by changing the saturation by 10% instead.

■ 76.8053, 0.3374,
0.3724

■ 76.8053, 0.3374,
0.3724

484.0999, 0.3263,
0.3522

■ 57.0931, 0.3399,
0.3770

■ 128.8646, 0.3336,
0.3654

■ 41.0800, 0.3429,
0.3827

161.9805, 0.3321,
0.3627

■ 28.3816, 0.3466,
0.3899

200.3331, 0.3308,
0.3603

■ 18.6135, 0.3514,
0.3993

244.3067, 0.3297,
0.3583

■ 11.3913, 0.3576,
0.4121

294.2858, 0.3287,
0.3565

■ 6.3307, 0.3660,
0.4303

350.6548, 0.3278,

■ 3.0472, 0.3775,

0.3549

0.4581

413.7980, 0.3270,
0.3535

■ 1.1564, 0.4379,
0.5621

■ 0.0257, 0.0000,
1.0000

■ 76.8053, 0.3374,
0.3724

■ 76.8053, 0.3374,
0.3724

■ 75.6952, 0.3517,
0.3979

■ 78.0821, 0.3231,
0.3472

■ 74.7342, 0.3656,
0.4229


■ 79.5225, 0.3092,
0.3228

■ 73.9176, 0.3784,
0.4463


■ 80.8780, 0.2983,
0.3036

■ 73.2368, 0.3896,
0.4672

■ 81.0690, 0.2990,
0.3037


 72.6820, 0.3986,
0.4846


 81.2612, 0.2998,
0.3038


 72.2422, 0.4051,
0.4978

 81.4547, 0.3005,
0.3038


 71.9044, 0.4090,
0.5066

 81.6494, 0.3012,
0.3039

 71.6515, 0.4104,
0.5113

 81.8454, 0.3020,
0.3039

 71.5926, 0.4106,
0.5122

 82.0426, 0.3027,
0.3040

Harmonies

Analogous

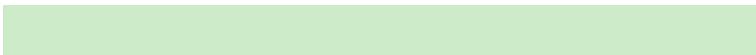
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8053, 0.3551, 0.3655



76.8053, 0.3374, 0.3724



76.8053, 0.3135, 0.3668

Triad

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



76.8053, 0.3374, 0.3724



76.8053, 0.2664, 0.3058



76.8053, 0.3350, 0.3093

Complementary

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



76.8053, 0.3374, 0.3724



53.7259, 0.2856, 0.2820

Split Complementary

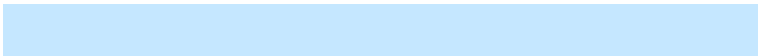
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8053, 0.3104, 0.2947



76.8053, 0.3374, 0.3724



76.8053, 0.2715, 0.2921

Square

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



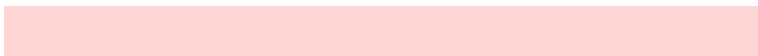
76.8053, 0.3374, 0.3724



76.8053, 0.2731, 0.3270



76.8053, 0.2873, 0.2884



76.8053, 0.3539, 0.3289

Rectangle

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



76.8053, 0.3374, 0.3724



76.8053, 0.2974, 0.3565



76.8053, 0.2873, 0.2884



76.8053, 0.3270, 0.3037

Sweetspot

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



76.8087, 0.3374, 0.3724



99.0861, 0.3197, 0.3413



57.9328, 0.3459, 0.3306



21.1819, 0.3207, 0.3430



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.



76.8087, 0.3374, 0.3724



96.5178, 0.3427, 0.3819



73.8162, 0.3235, 0.3744



16.7789, 0.3260, 0.3523



40.5466, 0.4107, 0.5121



3.0075, 0.4121, 0.5110

Inverse Universe

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



53.7259, 0.2856, 0.2820



62.0559, 0.2791, 0.2707



56.4218, 0.3002, 0.2840



13.9211, 0.2988, 0.3047



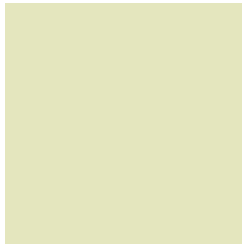
3.2916, 0.1516, 0.0609



0.2553, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 76.8053, 0.3374, 0.3724 looks on a white background.

Color Contrast Check

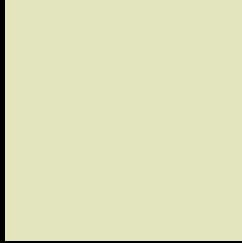
Large Text (above 18pt) WCAG AA × Fail

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 76.8053, 0.3374, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

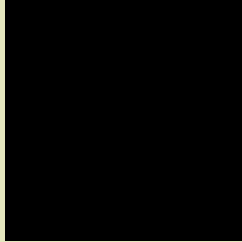
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

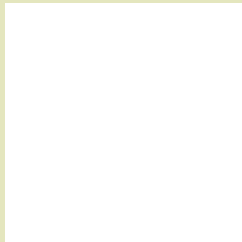
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8053, 0.3374, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 76.8053, 0.3374, 0.3724.



This preview shows how white text looks on a background with the Yxy color 76.8053, 0.3374, 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

76.8053, 0.3374, 0.3724

Protanopia

76.5488, 0.3483, 0.3693

Deuteranopia

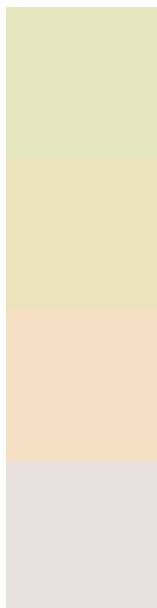
76.5699, 0.3531, 0.3505



Tritanopia

76.7884, 0.3094, 0.3105

Trichromacy



Original Color

76.8053, 0.3374, 0.3724

Protanomaly

76.4452, 0.3445, 0.3696

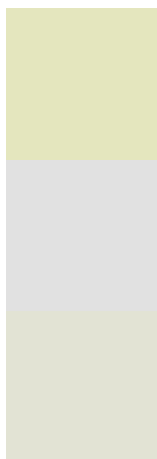
Deuteranomaly

76.7093, 0.3469, 0.3583

Tritanomaly

76.8224, 0.3195, 0.3332

Monochromacy



Original Color

76.8053, 0.3374, 0.3724

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8604, 0.3218, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8053, 0.3374, 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(228, 230, 190)` looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 190)  
}
```

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(228, 230, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 190) }
```

Border

The CSS property to change the border of an element to Yxy 76.8053, 0.3374, 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(228, 230, 190) }
```

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

```
.border{ border-color:rgb(228, 230, 190) }
```

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

Here you see how a box with a 4 pixel rgb(228, 230, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 230, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 230, 190);  
box-shadow:4px 4px 4px 4px rgb(228, 230,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8053, 0.3374, 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(228, 230, 190) }
```

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

```
.background{ background-color: rgb(228,  
230, 190) }
```

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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