

Converting Colors

$Yxy(76.3539, 0.3277, 0.3559)$

Have a look what the booklet for
Yxy(76.3539, 0.3277, 0.3559)
contains.

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Color

Yxy(76.1773, 0.3276, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	E3E4CC
RGB	227, 228, 204
RGB Percent	89%, 89%, 80%
CMY	0.1099, 0.1058, 0.1998
CMYK	0.00, 0.00, 0.11, 0.11
HSL	63°, 31%, 85%
HSV	63°, 11%, 89%
XYZ	70.3175, 76.1773, 68.1496
YIQ	224.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

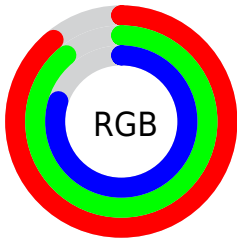
Format	Color
R_YB	204, 228, 205
Decimal	14935244
CIE _{Lab}	89.94, -4.43, 11.58
CIE _{LCh}	90, 12.397, 110.936
Yxy	76.1773, 0.3276, 0.3549
Android (android.graphics.Color)	4293125324 (0xFFE3E4CC)
YUV	224.9650, -10.3357, 1.7847
Hunter-Lab	87.2796, -8.9294, 14.8010

Details

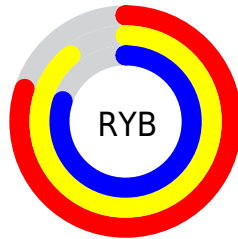
The Yxy color **76.1773, 0.3276, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7988, 0.2970, 0.3018**, and the grayscale version is **75.3412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8598, 0.3313, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **75.0044, 0.3421, 0.3803**, and if you desaturate by 10%, it is **77.5180, 0.3134, 0.3302**.

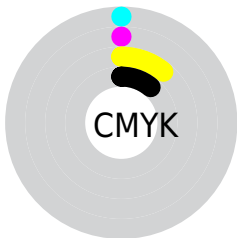
Distribution



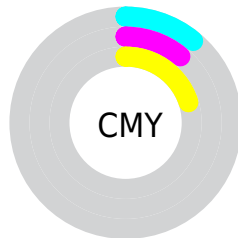
- Red (89%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1773, 0.3276, 0.3549 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 76.1773, 0.3276, 0.3549 by changing the saturation by 10% instead.

■ 76.1773, 0.3276,
0.3549

■ 76.1773, 0.3276,
0.3549

481.9544, 0.3208,
0.3429

■ 56.5779, 0.3291,
0.3576

127.9775, 0.3253,
0.3507

■ 40.6665, 0.3310,
0.3610

160.9471, 0.3244,
0.3491

■ 28.0585, 0.3333,
0.3653

199.1422, 0.3236,
0.3477

■ 18.3698, 0.3364,
0.3710

242.9472, 0.3229,
0.3465

■ 11.2158, 0.3404,
0.3787

292.7466, 0.3223,
0.3454

■ 6.2122, 0.3461,
0.3897

348.9246, 0.3217,

■ 2.9745, 0.3546,

0.3445

0.4071

411.8658, 0.3213,
0.3437

■ 1.1184, 0.3845,
0.4567

■ 0.0000, 0.0000,
0.0000

■ 76.1773, 0.3276,
0.3549

■ 76.1773, 0.3276,
0.3549

■ 75.0044, 0.3421,
0.3803

■ 77.5180, 0.3134,
0.3302

■ 73.9824, 0.3564,
0.4056


■ 79.0229, 0.2999,
0.3068

■ 73.1071, 0.3701,
0.4301

■ 79.5266, 0.2973,
0.3015

■ 72.3704, 0.3826,
0.4528


■ 79.6910, 0.2979,
0.3016


 71.7637, 0.3932,
0.4725


 79.8563, 0.2986,
0.3016


 71.2769, 0.4016,
0.4886


 80.0226, 0.2992,
0.3017


 70.8988, 0.4074,
0.5003

 80.1897, 0.2999,
0.3017

 70.6160, 0.4106,
0.5077

 80.3579, 0.3005,
0.3018

 70.4140, 0.4117,
0.5113

 80.5270, 0.3012,
0.3018

Harmonies

Analogous

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



76.1773, 0.3382, 0.3513



76.1773, 0.3276, 0.3549



76.1773, 0.3132, 0.3513

Triad

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



76.1773, 0.3276, 0.3549



76.1773, 0.2845, 0.3152



76.1773, 0.3263, 0.3171

Complementary

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



76.1773, 0.3276, 0.3549



61.7988, 0.2970, 0.3018

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.



76.1773, 0.3117, 0.3080



76.1773, 0.3276, 0.3549



76.1773, 0.2877, 0.3066

Square

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



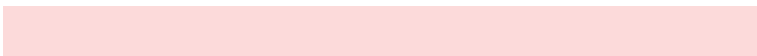
76.1773, 0.3276, 0.3549



76.1773, 0.2885, 0.3279



76.1773, 0.2976, 0.3042



76.1773, 0.3375, 0.3294

Rectangle

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



76.1773, 0.3276, 0.3549



76.1773, 0.3035, 0.3452



76.1773, 0.2976, 0.3042



76.1773, 0.3216, 0.3136

Sweetspot

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



76.1806, 0.3276, 0.3549



99.4540, 0.3169, 0.3363



64.4441, 0.3312, 0.3299



21.2567, 0.3181, 0.3383



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.



76.1806, 0.3276, 0.3549



97.7736, 0.3313, 0.3614



74.3363, 0.3192, 0.3556



16.7836, 0.3261, 0.3523



40.6690, 0.4118, 0.5112



3.0152, 0.4130, 0.5103

Inverse Universe

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



61.7988, 0.2970, 0.3018



75.1171, 0.2928, 0.2946



63.5328, 0.3056, 0.3025



13.9169, 0.2987, 0.3047



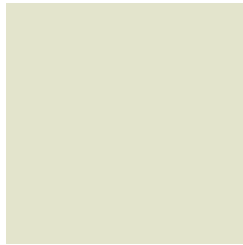
3.2845, 0.1514, 0.0608



0.2533, 0.1553, 0.0629

Previews

White Background



This preview shows how the Yxy color 76.1773, 0.3276, 0.3549 looks on a white background.

Color Contrast Check

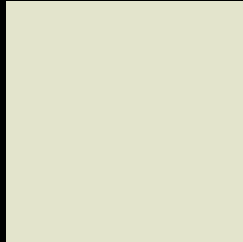
Large Text (above 18pt) WCAG AA × Fail

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 76.1773, 0.3276, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

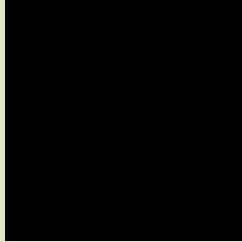
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

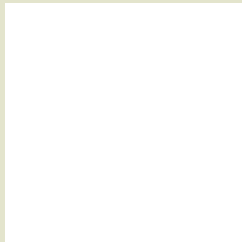
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1773, 0.3276, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 76.1773, 0.3276, 0.3549.



This preview shows how white text looks on a background with the Yxy color 76.1773, 0.3276, 0.3549.

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

76.1773, 0.3276, 0.3549

Protanopia

75.9951, 0.3353, 0.3524

Deuteranopia

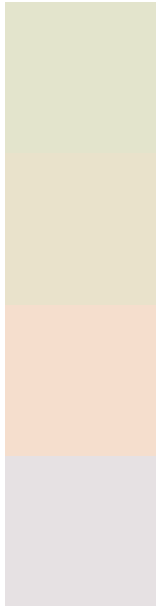
75.8590, 0.3485, 0.3413



Tritanopia

76.2224, 0.3080, 0.3114

Trichromacy



Original Color

76.1773, 0.3276, 0.3549

Protanomaly

76.0281, 0.3329, 0.3536

Deuteranomaly

76.0628, 0.3410, 0.3468

Tritanomaly

76.2195, 0.3149, 0.3269

Monochromacy



Original Color

76.1773, 0.3276, 0.3549

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5712, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1773, 0.3276, 0.3549 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(227, 228, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 204)  
}
```

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(227, 228, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 204) }
```

Border

The CSS property to change the border of an element to Yxy 76.1773, 0.3276, 0.3549 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(227, 228, 204) }
```

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

```
.border{ border-color:rgb(227, 228, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 228, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 228, 204); box-shadow:4px 4px 4px 4px rgb(227, 228, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1773, 0.3276, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 204) }
```

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

```
.background{ background-color: rgb(227,  
228, 204) }
```

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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