

Converting Colors

$Y_{xy}(78.2880, 0.3265, 0.3364)$

Have a look what the booklet for
Yxy(78.2880, 0.3265, 0.3364)
contains.

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Color

Yxy(78.5779, 0.3271, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	F0E3DB
RGB	240, 227, 219
RGB Percent	94%, 89%, 86%
CMY	0.0587, 0.1098, 0.1411
CMYK	0.00, 0.05, 0.09, 0.06
HSL	23°, 41%, 90%
HSV	23°, 9%, 94%
XYZ	76.2017, 78.5779, 78.1819
YIQ	229.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

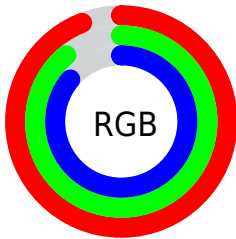
Format	Color
R_{YB}	240, 232, 219
Decimal	15786971
CIE Lab	91.04, 3.10, 5.46
CIE LCh	91, 6.282, 60.427
Yxy	78.5779, 0.3271, 0.3373
Android (android.graphics.Color)	4293977051 (0xFFFF0E3DB)
YUV	229.9750, -5.4107, 8.7919
Hunter-Lab	88.6442, -1.6823, 9.7587

Details

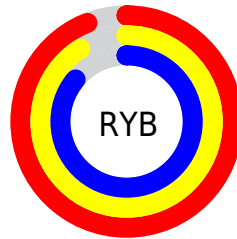
The Yxy color **78.5779, 0.3271, 0.3373** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1074, 0.2992, 0.3206**, and the grayscale version is **79.1524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3757, 0.3305, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **69.6061, 0.3462, 0.3473**, and if you desaturate by 10%, it is **88.4442, 0.3108, 0.3279**.

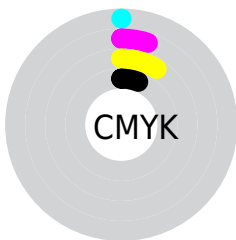
Distribution



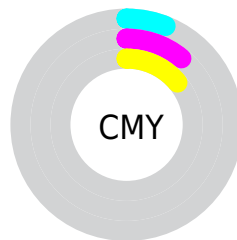
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (6%)




- Cyan (6%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5779, 0.3271, 0.3373 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 78.5779, 0.3271, 0.3373 by changing the saturation by 10% instead.

 78.5779, 0.3271,
0.3373

 78.5779, 0.3271,
0.3373

490.1272, 0.3205,
0.3335

 58.5488, 0.3286,
0.3381

131.3645, 0.3248,
0.3360

 42.2500, 0.3304,
0.3392


164.8907, 0.3239,
0.3355

 29.2971, 0.3327,
0.3405


203.6849, 0.3232,
0.3351

 19.3057, 0.3357,
0.3421

248.1313, 0.3225,
0.3347

 11.8914, 0.3398,
0.3443

298.6143, 0.3219,
0.3344

 6.6698, 0.3456,
0.3475

355.5184, 0.3214,

 3.2564, 0.3546,

0.3341

419.2279, 0.3209,
0.3338

0.3522

1.2670, 0.3703,
0.3600

0.1155, 0.6163,
0.3837

78.5779, 0.3271,
0.3373

78.5779, 0.3271,
0.3373

69.6061, 0.3462,
0.3473

88.4442, 0.3108,
0.3279

61.4929, 0.3684,
0.3578

97.2719, 0.3036,
0.3290

54.2150, 0.3940,
0.3682

47.7441, 0.4229,
0.3780

■ 42.0501, 0.4547,
0.3862

■ 37.1008, 0.4882,
0.3917

■ 32.8613, 0.5212,
0.3929

■ 29.2931, 0.5511,
0.3891

■ 26.3490, 0.5754,
0.3803

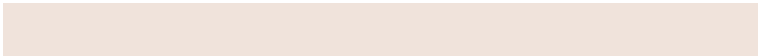
Harmonies

Analogous

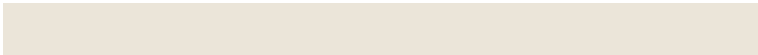
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5779, 0.3262, 0.3314



78.5779, 0.3271, 0.3373



78.5779, 0.3241, 0.3411

Triad

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



78.5779, 0.3271, 0.3373



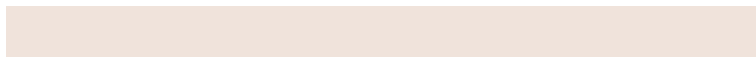
78.5779, 0.3039, 0.3331



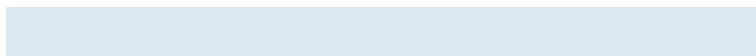
78.5779, 0.3073, 0.3167

Complementary

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



78.5779, 0.3271, 0.3373



79.1074, 0.2992, 0.3206

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.



78.5779, 0.3014, 0.3170



78.5779, 0.3271, 0.3373



78.5779, 0.2995, 0.3264

Square

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



78.5779, 0.3271, 0.3373



78.5779, 0.3107, 0.3388



78.5779, 0.2986, 0.3205



78.5779, 0.3147, 0.3196

Rectangle

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



78.5779, 0.3271, 0.3373



78.5779, 0.3203, 0.3419



78.5779, 0.2986, 0.3205



78.5779, 0.3050, 0.3164

Sweetspot

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



78.5813, 0.3271, 0.3373



96.5247, 0.3174, 0.3318



75.0508, 0.3189, 0.3153



20.4648, 0.3187, 0.3326



0.0000, 0.0000, 0.0000



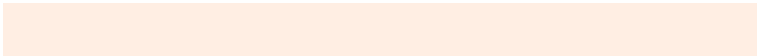
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5813, 0.3271, 0.3373



87.7133, 0.3312, 0.3395



84.3523, 0.3260, 0.3477



16.7414, 0.3284, 0.3380



14.4760, 0.5753, 0.3814



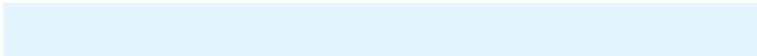
1.3902, 0.5507, 0.4009

Inverse Universe

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



79.1074, 0.2992, 0.3206



88.4616, 0.2956, 0.3182



73.5054, 0.2991, 0.3096



16.8631, 0.2980, 0.3198



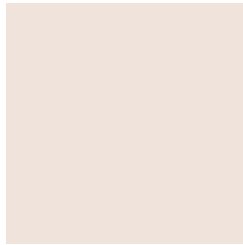
15.4703, 0.1888, 0.1998



1.4781, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 78.5779, 0.3271, 0.3373 looks on a white background.

Color Contrast Check

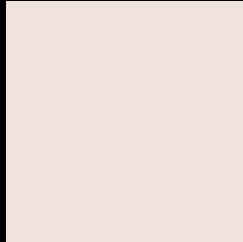
Large Text (above 18pt) WCAG AA × Fail

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 78.5779, 0.3271, 0.3373 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

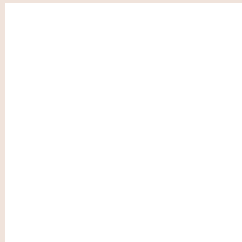
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5779, 0.3271, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 78.5779, 0.3271, 0.3373.

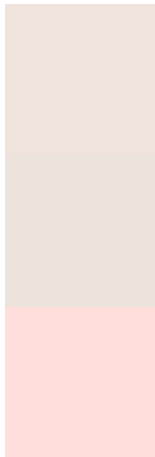


This preview shows how white text looks on a background with the Yxy color 78.5779, 0.3271, 0.3373.

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

78.5779, 0.3271, 0.3373

Protanopia

78.4870, 0.3235, 0.3374

Deuteranopia

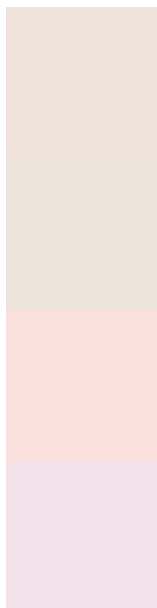
78.6699, 0.3379, 0.3311



Tritanopia

78.7169, 0.3149, 0.3118

Trichromacy



Original Color

78.5779, 0.3271, 0.3373

Protanomaly

78.6586, 0.3242, 0.3374

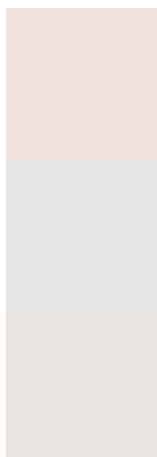
Deuteranomaly

78.8026, 0.3339, 0.3331

Tritanomaly

78.6109, 0.3194, 0.3209

Monochromacy



Original Color

78.5779, 0.3271, 0.3373

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0220, 0.3181, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5779, 0.3271, 0.3373 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(240, 227, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 219)  
}
```

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(240, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 219) }
```

Border

The CSS property to change the border of an element to Yxy 78.5779, 0.3271, 0.3373 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(240, 227, 219) }
```

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

```
.border{ border-color:rgb(240, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5779, 0.3271, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 219) }
```

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

```
.background{ background-color: rgb(240,  
227, 219) }
```

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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