

Converting Colors

$Yxy(78.0430, 0.3281, 0.3671)$

Have a look what the booklet for
Yxy(78.0430, 0.3281, 0.3671)
contains.

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Color

Yxy(78.0430, 0.3281, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	DFE9C6
RGB	223, 233, 198
RGB Percent	87%, 91%, 78%
CMY	0.1256, 0.0862, 0.2236
CMYK	0.04, 0.00, 0.15, 0.09
HSL	77°, 44%, 85%
HSV	77°, 15%, 91%
XYZ	69.7519, 78.0430, 64.7984
YIQ	226.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

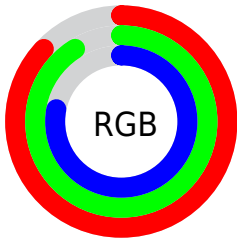
Format	Color
RYB	198, 233, 208
Decimal	14674374
CIELab	90.80, -9.34, 15.91
CIELCh	91, 18.450, 120.426
Yxy	78.0430, 0.3281, 0.3671
Android (android.graphics.Color)	4292864454 (0xFFDFE9C6)
YUV	226.0200, -13.8139, -2.6485
Hunter-Lab	88.3419, -13.6608, 18.3504

Details

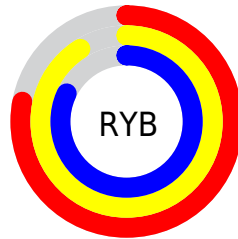
The Yxy color **78.0430, 0.3281, 0.3671** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.6768, 0.2957, 0.2897**, and the grayscale version is **76.1641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7827, 0.3319, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **76.0114, 0.3383, 0.3941**, and if you desaturate by 10%, it is **80.2888, 0.3178, 0.3414**.

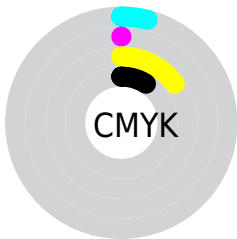
Distribution



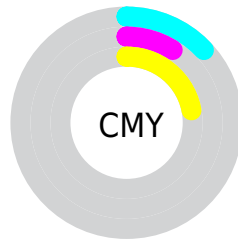
- Red (87%)
- Green (91%)
- Blue (78%)



- Red (78%)
- Yellow (91%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0430, 0.3281, 0.3671 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 78.0430, 0.3281, 0.3671 by changing the saturation by 10% instead.

■ 78.0430, 0.3281,
0.3671

■ 78.0430, 0.3281,
0.3671

488.3128, 0.3212,
0.3494

■ 58.1093, 0.3296,
0.3712

130.6107, 0.3258,
0.3609

■ 41.8965, 0.3314,
0.3762

164.0136, 0.3248,
0.3585

■ 29.0203, 0.3337,
0.3826

202.6749, 0.3240,
0.3565

■ 19.0962, 0.3366,
0.3909

246.9791, 0.3233,
0.3547

■ 11.7398, 0.3403,
0.4023

297.3106, 0.3227,
0.3531

■ 6.5667, 0.3453,
0.4188

354.0538, 0.3222,

■ 3.1927, 0.3521,

0.3517

0.4444

417.5931, 0.3217,
0.3505

■ 1.2331, 0.3901,
0.5286

■ 0.0885, 0.0000,
1.0000

■ 78.0430, 0.3281,
0.3671

■ 78.0430, 0.3281,
0.3671

■ 76.0114, 0.3383,
0.3941

■ 80.2888, 0.3178,
0.3414

■ 74.1757, 0.3480,
0.4216

■ 82.7462, 0.3078,
0.3173

■ 72.5308, 0.3568,
0.4489

■ 84.5678, 0.3058,
0.3073

■ 71.0673, 0.3640,
0.4747

■ 85.7798, 0.3102,
0.3076

■ 69.7749, 0.3693,
0.4978

■ 86.7685, 0.3137,
0.3078

■ 68.6422, 0.3722,
0.5172

■ 67.6557, 0.3726,
0.5320

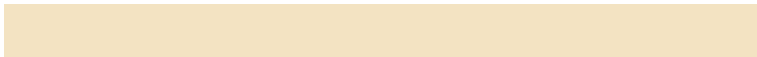
■ 66.7993, 0.3704,
0.5418

■ 66.4101, 0.3687,
0.5454

Harmonies

Analogous

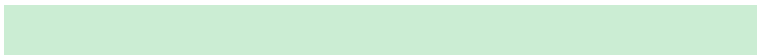
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0430, 0.3462, 0.3646



78.0430, 0.3281, 0.3671



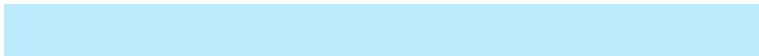
78.0430, 0.3063, 0.3585

Triad

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



78.0430, 0.3281, 0.3671



78.0430, 0.2717, 0.3036



78.0430, 0.3389, 0.3169

Complementary

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



78.0430, 0.3281, 0.3671



59.6768, 0.2957, 0.2897

Split Complementary

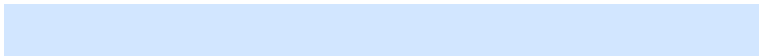
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0430, 0.3181, 0.3019



78.0430, 0.3281, 0.3671



78.0430, 0.2797, 0.2940

Square

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



78.0430, 0.3281, 0.3671



78.0430, 0.2743, 0.3207



78.0430, 0.2964, 0.2936



78.0430, 0.3527, 0.3351

Rectangle

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



78.0430, 0.3281, 0.3671



78.0430, 0.2927, 0.3475



78.0430, 0.2964, 0.2936



78.0430, 0.3324, 0.3113

Sweetspot

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



78.0464, 0.3281, 0.3671



98.5183, 0.3178, 0.3413



66.4686, 0.3392, 0.3399



21.0436, 0.3185, 0.3431



0.0000, 0.0000, 0.0000



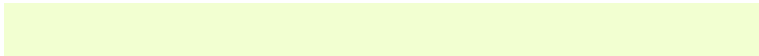
21.4041, 0.3127, 0.3290

Same Dimension

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



78.0464, 0.3281, 0.3671



94.9747, 0.3312, 0.3752



75.4249, 0.3160, 0.3685



17.3972, 0.3224, 0.3526



37.7417, 0.3695, 0.5448



3.0121, 0.3766, 0.5391

Inverse Universe

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



59.6768, 0.2957, 0.2897



68.4430, 0.2918, 0.2810



62.3380, 0.3087, 0.2912



14.7583, 0.3025, 0.3050



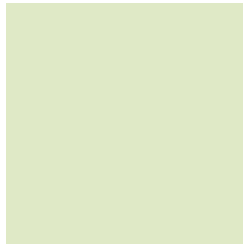
4.0674, 0.1687, 0.0703



0.3668, 0.1832, 0.0783

Previews

White Background



This preview shows how the Yxy color 78.0430, 0.3281, 0.3671 looks on a white background.

Color Contrast Check

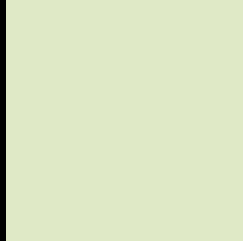
Large Text (above 18pt) WCAG AA × Fail

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 78.0430, 0.3281, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

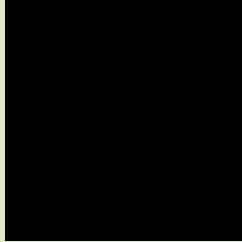
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

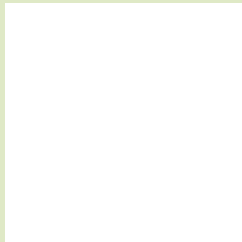
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0430, 0.3281, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 78.0430, 0.3281, 0.3671.

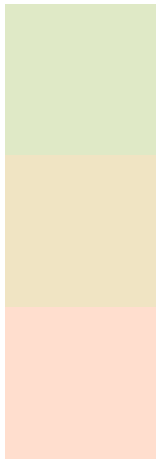


This preview shows how white text looks on a background with the Yxy color 78.0430, 0.3281, 0.3671.

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

78.0430, 0.3281, 0.3671

Protanopia

77.9522, 0.3431, 0.3638

Deuteranopia

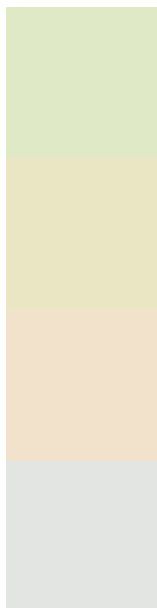
77.9588, 0.3477, 0.3453



Tritanopia

77.7474, 0.3040, 0.3104

Trichromacy



Original Color

78.0430, 0.3281, 0.3671

Protanomaly

78.0716, 0.3377, 0.3652

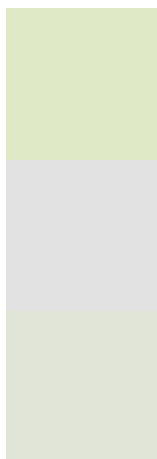
Deuteranomaly

77.7592, 0.3402, 0.3530

Tritanomaly

77.9156, 0.3126, 0.3311

Monochromacy



Original Color

78.0430, 0.3281, 0.3671

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0040, 0.3183, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0430, 0.3281, 0.3671 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(223, 233, 198)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 198)  
}
```

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(223, 233, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 198) }
```

Border

The CSS property to change the border of an element to Yxy 78.0430, 0.3281, 0.3671 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(223, 233, 198) }
```

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

```
.border{ border-color:rgb(223, 233, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 198);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0430, 0.3281, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 198) }
```

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

```
.background{ background-color: rgb(223,  
233, 198) }
```

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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