

Converting Colors

$Yxy(78.2842, 0.3226, 0.3725)$

Have a look what the booklet for
Yxy(78.2842, 0.3226, 0.3725)
contains.

Yxy(78.3183, 0.3221, 0.3721)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.3183, 0.3221, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	D6ECC5
RGB	214, 236, 197
RGB Percent	84%, 93%, 77%
CMY	0.1610, 0.0744, 0.2275
CMYK	0.09, 0.00, 0.17, 0.07
HSL	94°, 51%, 85%
HSV	94°, 17%, 93%
XYZ	67.7945, 78.3183, 64.3637
YIQ	224.9760, -0.5930, -16.7930

Conversions

Conversions Part 2

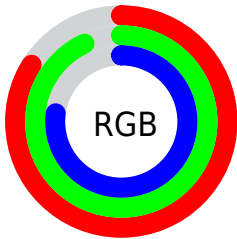
Format	Color
RYB	197, 236, 219
Decimal	14085317
CIELab	90.92, -14.14, 16.50
CIElCh	91, 21.734, 130.597
Yxy	78.3183, 0.3221, 0.3721
Android (android.graphics.Color)	4292275397 (0xFFD6ECC5)
YUV	224.9760, -13.7922, -9.6260
Hunter-Lab	88.4976, -18.1292, 18.8271

Details

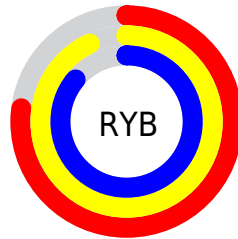
The Yxy color **78.3183, 0.3221, 0.3721** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.0573, 0.3018, 0.2864**, and the grayscale version is **75.3749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **41.9966, 0.3240, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **75.3972, 0.3275, 0.4010**, and if you desaturate by 10%, it is **81.5800, 0.3164, 0.3453**.

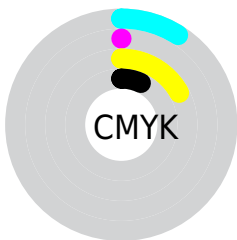
Distribution



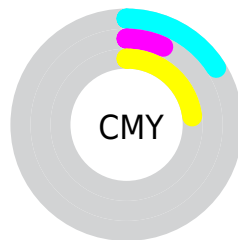
- Red (84%)
- Green (93%)
- Blue (77%)



- Red (77%)
- Yellow (93%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)





- Cyan (16%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3183, 0.3221, 0.3721 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 78.3183, 0.3221, 0.3721 by changing the saturation by 10% instead.

 78.3183, 0.3221,
0.3721

 78.3183, 0.3221,
0.3721


489.2471, 0.3181,
0.3519

 58.3355, 0.3229,
0.3768


130.9987, 0.3208,
0.3651

 42.0784, 0.3239,
0.3825


164.4651, 0.3202,
0.3623

 29.1627, 0.3252,
0.3899


203.1949, 0.3198,
0.3600

 19.2039, 0.3266,
0.3996

247.5723, 0.3193,
0.3580

 11.8177, 0.3284,
0.4129

297.9819, 0.3190,
0.3562

 6.6197, 0.3305,
0.4322

354.8079, 0.3186,

 3.2254, 0.3326,

0.3546

0.4626

418.4349, 0.3183,
0.3532

■ 1.2505, 0.3626,
0.5638

■ 0.1024, 0.0000,
1.0000

■ 78.3183, 0.3221,
0.3721

■ 78.3183, 0.3221,
0.3721

■ 75.3972, 0.3275,
0.4010

■ 81.5800, 0.3164,
0.3453

■ 72.7949, 0.3322,
0.4315

■ 85.1834, 0.3107,
0.3208

■ 70.5021, 0.3360,
0.4625

■ 88.2901, 0.3129,
0.3107

■ 68.5054, 0.3384,
0.4928

■ 88.4813, 0.3136,
0.3107

■ 66.7900, 0.3390,
0.5207

■ 65.3398, 0.3376,
0.5445

■ 64.1363, 0.3342,
0.5629

■ 63.1572, 0.3290,
0.5751

■ 62.8595, 0.3271,
0.5785

Harmonies

Analogous

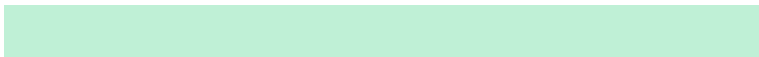
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3183, 0.3457, 0.3734



78.3183, 0.3221, 0.3721



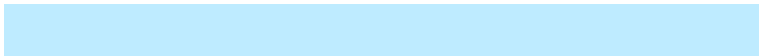
78.3183, 0.2967, 0.3578

Triad

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



78.3183, 0.3221, 0.3721



78.3183, 0.2666, 0.2941



78.3183, 0.3503, 0.3217

Complementary

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



78.3183, 0.3221, 0.3721



61.0573, 0.3018, 0.2864

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.



78.3183, 0.3277, 0.3026



78.3183, 0.3221, 0.3721



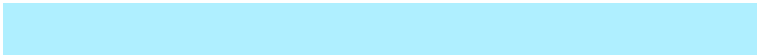
78.3183, 0.2796, 0.2867

Square

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



78.3183, 0.3221, 0.3721



78.3183, 0.2653, 0.3114



78.3183, 0.3017, 0.2900



78.3183, 0.3626, 0.3433

Rectangle

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



78.3183, 0.3221, 0.3721



78.3183, 0.2821, 0.3430



78.3183, 0.3017, 0.2900



78.3183, 0.3436, 0.3148

Sweetspot

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



78.3217, 0.3221, 0.3721



97.8641, 0.3156, 0.3414



72.2478, 0.3405, 0.3521



20.8845, 0.3160, 0.3432



0.0000, 0.0000, 0.0000



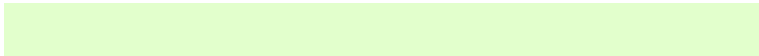
21.4041, 0.3127, 0.3290

Same Dimension

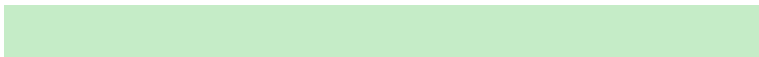
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3217, 0.3221, 0.3721



92.0749, 0.3241, 0.3822



75.9922, 0.3094, 0.3713



17.1823, 0.3181, 0.3529



34.7167, 0.3283, 0.5776



2.7820, 0.3391, 0.5690

Inverse Universe

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



61.0573, 0.3018, 0.2864



67.7018, 0.2991, 0.2767



63.7111, 0.3160, 0.2900



14.9691, 0.3069, 0.3053



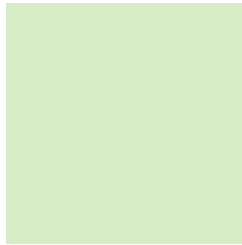
6.1846, 0.2158, 0.0962



0.5424, 0.2298, 0.1039

Previews

White Background



This preview shows how the Yxy color 78.3183, 0.3221, 0.3721 looks on a white background.

Color Contrast Check

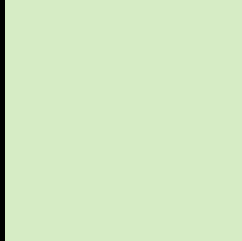
Large Text (above 18pt) WCAG AA × Fail

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 78.3183, 0.3221, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

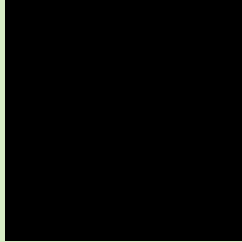
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

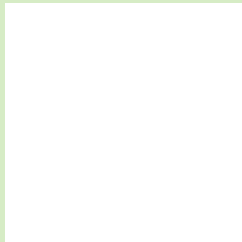
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3183, 0.3221, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 78.3183, 0.3221, 0.3721.

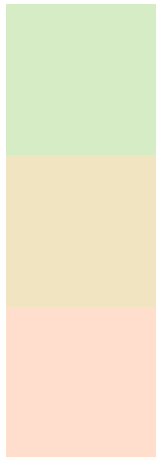


This preview shows how white text looks on a background with the Yxy color 78.3183, 0.3221, 0.3721.

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

78.3183, 0.3221, 0.3721

Protanopia

78.0378, 0.3452, 0.3658

Deuteranopia

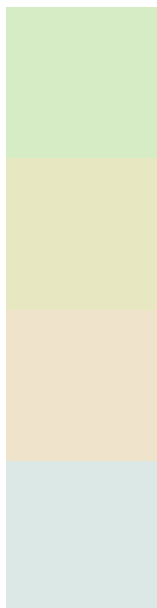
77.9588, 0.3477, 0.3453



Tritanopia

78.2836, 0.2969, 0.3102

Trichromacy



Original Color

78.3183, 0.3221, 0.3721

Protanomaly

78.0358, 0.3367, 0.3687

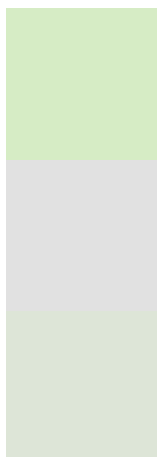
Deuteranomaly

77.7752, 0.3379, 0.3542

Tritanomaly

78.4304, 0.3059, 0.3322

Monochromacy



Original Color

78.3183, 0.3221, 0.3721

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.3171, 0.3161, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3183, 0.3221, 0.3721 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(214, 236, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 236, 197)  
}
```

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(214, 236, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 236, 197) }
```

Border

The CSS property to change the border of an element to Yxy 78.3183, 0.3221, 0.3721 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(214, 236, 197) }
```

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

```
.border{ border-color:rgb(214, 236, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 236, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 236, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 236, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 236,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3183, 0.3221, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 236, 197) }
```

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

```
.background{ background-color: rgb(214,  
236, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor