

Converting Colors

$Yxy(78.5093, 0.3137, 0.3550)$

Have a look what the booklet for
Yxy(78.5093, 0.3137, 0.3550)
contains.

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Color

Yxy(78.5669, 0.3142, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	D7EBD3
RGB	215, 235, 211
RGB Percent	84%, 92%, 83%
CMY	0.1567, 0.0784, 0.1726
CMYK	0.08, 0.00, 0.10, 0.08
HSL	110°, 37%, 87%
HSV	110°, 10%, 92%
XYZ	69.4981, 78.5669, 73.1256
YIQ	226.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

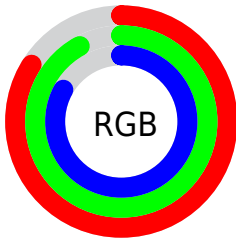
Format	Color
R _Y B	211, 235, 231
Decimal	14150611
CIE Lab	91.04, -10.92, 9.40
CIE LCh	91, 14.409, 139.268
Yxy	78.5669, 0.3142, 0.3552
Android (android.graphics.Color)	4292340691 (0xFFD7EBD3)
YUV	226.2840, -7.5350, -9.8961
Hunter-Lab	88.6380, -15.1605, 13.1328

Details

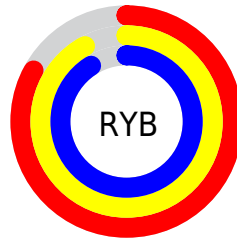
The Yxy color **78.5669, 0.3142, 0.3552** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5650, 0.3110, 0.3037**, and the grayscale version is **76.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1141, 0.3146, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **74.6922, 0.3154, 0.3840**, and if you desaturate by 10%, it is **82.9740, 0.3127, 0.3295**.

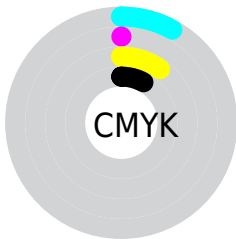
Distribution



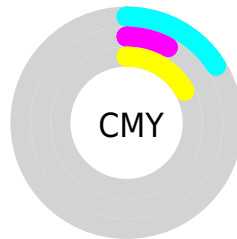
- Red (84%)
- Green (92%)
- Blue (83%)



- Red (83%)
- Yellow (92%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (16%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5669, 0.3142, 0.3552 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 78.5669, 0.3142, 0.3552 by changing the saturation by 10% instead.


 78.5669, 0.3142,
0.3552

 78.5669, 0.3142,
0.3552


490.0900, 0.3136,
0.3430

 58.5398, 0.3143,
0.3580


131.3490, 0.3140,
0.3510

 42.2428, 0.3144,
0.3615

164.8727, 0.3139,
0.3493

 29.2914, 0.3145,
0.3659


203.6641, 0.3139,
0.3479

 19.3014, 0.3147,
0.3716

248.1076, 0.3138,
0.3467

 11.8883, 0.3148,
0.3795

298.5875, 0.3138,
0.3456

 6.6676, 0.3148,
0.3910

355.4883, 0.3137,

 3.2551, 0.3145,

0.3446

0.4092

419.1943, 0.3137,
0.3438

■ 1.2663, 0.3160,
0.4466

■ 0.1149, 0.0000,
1.0000

■ 78.5669, 0.3142,
0.3552

■ 78.5669, 0.3142,
0.3552

■ 74.6922, 0.3154,
0.3840

■ 82.9740, 0.3127,
0.3295

■ 71.3199, 0.3164,
0.4155

■ 87.7277, 0.3130,
0.3097

■ 68.4323, 0.3168,
0.4491

■ 87.8944, 0.3136,
0.3097

■ 66.0068, 0.3166,
0.4835

■ 64.0189, 0.3155,
0.5168

■ 62.4420, 0.3137,
0.5466

■ 61.2462, 0.3110,
0.5707

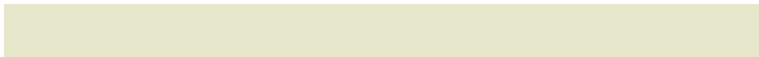
■ 60.3974, 0.3077,
0.5873

■ 59.8574, 0.3045,
0.5964

Harmonies

Analogous

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



78.5669, 0.3306, 0.3588



78.5669, 0.3142, 0.3552



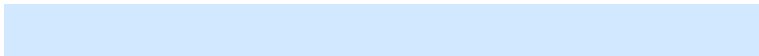
78.5669, 0.2977, 0.3439

Triad

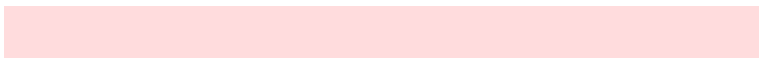
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5669, 0.3142, 0.3552



78.5669, 0.2836, 0.3037



78.5669, 0.3407, 0.3285

Complementary

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



78.5669, 0.3142, 0.3552



69.5650, 0.3110, 0.3037

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.



78.5669, 0.3275, 0.3147



78.5669, 0.3142, 0.3552



78.5669, 0.2945, 0.3005

Square

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



78.5669, 0.3142, 0.3552



78.5669, 0.2803, 0.3137



78.5669, 0.3105, 0.3046



78.5669, 0.3462, 0.3429

Rectangle

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



78.5669, 0.3142, 0.3552



78.5669, 0.2888, 0.3338



78.5669, 0.3105, 0.3046



78.5669, 0.3370, 0.3237

Sweetspot

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



78.5703, 0.3142, 0.3552



98.3305, 0.3132, 0.3364



79.2902, 0.3284, 0.3496



20.9534, 0.3133, 0.3384



0.0000, 0.0000, 0.0000



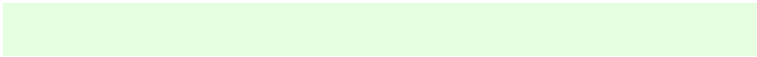
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5703, 0.3142, 0.3552



93.6731, 0.3144, 0.3603



78.3557, 0.3068, 0.3469



16.9841, 0.3141, 0.3532



33.3518, 0.3052, 0.5959



2.6549, 0.3133, 0.5894

Inverse Universe

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



69.5650, 0.3110, 0.3037



81.0418, 0.3106, 0.2990



69.8155, 0.3191, 0.3117



15.1779, 0.3111, 0.3056



9.8741, 0.2787, 0.1309



0.8094, 0.2849, 0.1343

Previews

White Background



This preview shows how the Yxy color 78.5669, 0.3142, 0.3552 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 78.5669, 0.3142, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

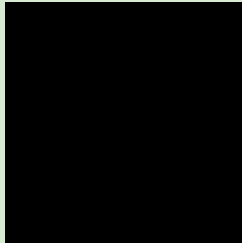
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

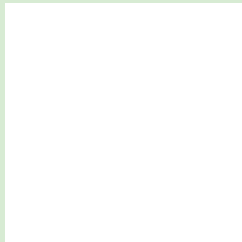
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5669, 0.3142, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 78.5669, 0.3142, 0.3552.

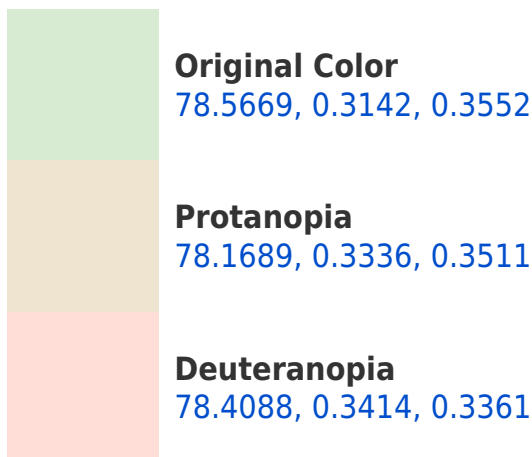


This preview shows how white text looks on a background with the Yxy color 78.5669, 0.3142, 0.3552.

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

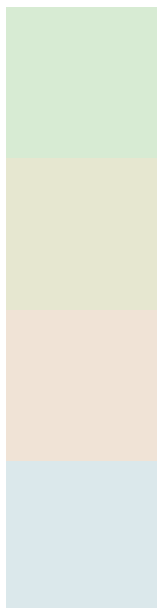




Tritanopia

78.7431, 0.2957, 0.3102

Trichromacy



Original Color

78.5669, 0.3142, 0.3552

Protanomaly

78.5289, 0.3268, 0.3535

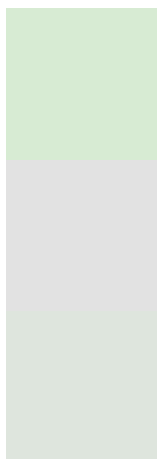
Deuteranomaly

78.3185, 0.3304, 0.3426

Tritanomaly

78.7715, 0.3022, 0.3258

Monochromacy



Original Color

78.5669, 0.3142, 0.3552

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.7887, 0.3130, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5669, 0.3142, 0.3552 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(215, 235, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 235, 211)  
}
```

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(215, 235, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 235, 211) }
```

Border

The CSS property to change the border of an element to Yxy 78.5669, 0.3142, 0.3552 is called "border". The border property can be set on classes, ids or directly on the HTML element.

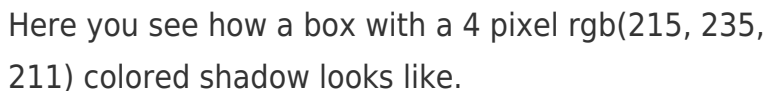
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 235, 211) }
```

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

```
.border{ border-color:rgb(215, 235, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 235, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 235, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 235, 211); box-shadow:4px 4px 4px 4px rgb(215, 235, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5669, 0.3142, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 235, 211) }
```

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

```
.background{ background-color: rgb(215,  
235, 211) }
```

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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