

Converting Colors

$Yxy(76.9082, 0.3034, 0.3422)$

Have a look what the booklet for
Yxy(76.9082, 0.3034, 0.3422)
contains.

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Color

Yxy(76.9082, 0.3034, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	D0E9DD
RGB	208, 233, 221
RGB Percent	82%, 91%, 87%
CMY	0.1846, 0.0862, 0.1334
CMYK	0.11, 0.00, 0.05, 0.09
HSL	151°, 36%, 86%
HSV	151°, 11%, 91%
XYZ	68.1880, 76.9082, 79.6501
YIQ	224.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

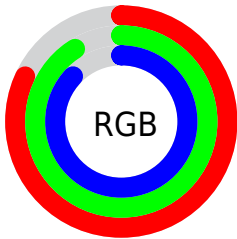
Format	Color
R_{YB}	208, 224, 233
Decimal	13691357
CIE _{Lab}	90.28, -10.50, 3.03
CIE _{LCh}	90, 10.927, 163.884
Yxy	76.9082, 0.3034, 0.3422
Android (android.graphics.Color)	4291881437 (0xFFD0E9DD)
YUV	224.1570, -1.5564, -14.1697
Hunter-Lab	87.6973, -14.6797, 7.5386

Details

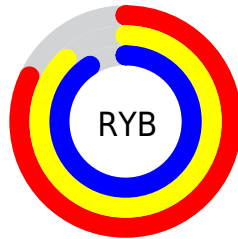
The Yxy color **76.9082, 0.3034, 0.3422** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.5746, 0.3231, 0.3162**, and the grayscale version is **74.6710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9698, 0.3008, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **73.2035, 0.2950, 0.3559**, and if you desaturate by 10%, it is **81.1552, 0.3120, 0.3299**.

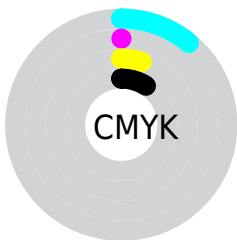
Distribution



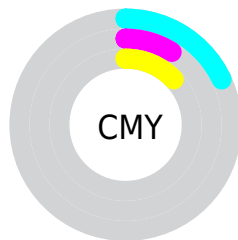
- Red (82%)
- Green (91%)
- Blue (87%)



- Red (82%)
- Yellow (88%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)




- Cyan (18%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9082, 0.3034, 0.3422 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 76.9082, 0.3034, 0.3422 by changing the saturation by 10% instead.

 76.9082, 0.3034,
0.3422

 76.9082, 0.3034,
0.3422


484.4510, 0.3077,
0.3361

 57.1775, 0.3024,
0.3436


129.0099, 0.3049,
0.3401

 41.1478, 0.3012,
0.3453


162.1497, 0.3055,
0.3393

 28.4346, 0.2997,
0.3475


200.5280, 0.3060,
0.3385

 18.6535, 0.2977,
0.3504

244.5292, 0.3064,
0.3379

 11.4202, 0.2949,
0.3543

294.5377, 0.3068,
0.3374

 6.3502, 0.2910,
0.3600

350.9379, 0.3071,

 3.0592, 0.2848,

0.3369

0.3691

414.1142, 0.3074,
0.3365

■ 1.1627, 0.2736,
0.3855

■ 0.0309, 0.0000,
1.0000

■ 76.9082, 0.3034,
0.3422

■ 76.9082, 0.3034,
0.3422

■ 73.2035, 0.2950,
0.3559

■ 81.1552, 0.3120,
0.3299

■ 70.0091, 0.2872,
0.3711

■ 85.9558, 0.3208,
0.3189

■ 67.3042, 0.2802,
0.3876

■ 86.7397, 0.3140,
0.3083

■ 65.0630, 0.2743,
0.4052

■ 86.7706, 0.3137,
0.3078

■ 63.2570, 0.2700,
0.4237

■ 61.8548, 0.2674,
0.4427

■ 60.8202, 0.2669,
0.4616

■ 60.1102, 0.2683,
0.4800

■ 59.6774, 0.2712,
0.4962

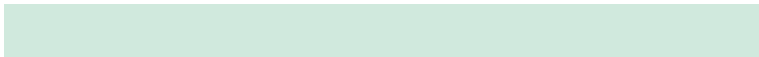
Harmonies

Analogous

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



76.9082, 0.3163, 0.3498



76.9082, 0.3034, 0.3422



76.9082, 0.2932, 0.3309

Triad

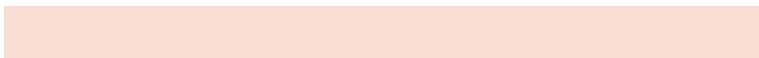
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9082, 0.3034, 0.3422



76.9082, 0.2970, 0.3071



76.9082, 0.3380, 0.3379

Complementary

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



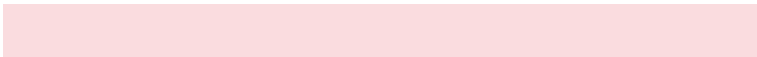
76.9082, 0.3034, 0.3422



67.5746, 0.3231, 0.3162

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.



76.9082, 0.3326, 0.3267



76.9082, 0.3034, 0.3422



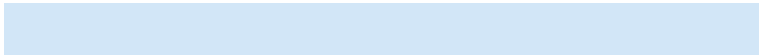
76.9082, 0.3087, 0.3092

Square

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



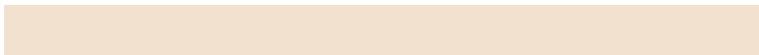
76.9082, 0.3034, 0.3422



76.9082, 0.2895, 0.3107



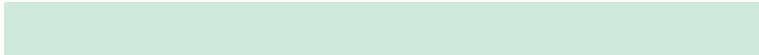
76.9082, 0.3218, 0.3163



76.9082, 0.3364, 0.3470

Rectangle

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



76.9082, 0.3034, 0.3422



76.9082, 0.2891, 0.3230



76.9082, 0.3218, 0.3163



76.9082, 0.3369, 0.3342

Sweetspot

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



76.9115, 0.3034, 0.3422



98.3438, 0.3101, 0.3325



78.0669, 0.3197, 0.3563



20.9571, 0.3094, 0.3335



0.0000, 0.0000, 0.0000



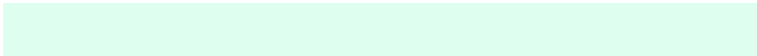
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9115, 0.3034, 0.3422



93.2638, 0.3014, 0.3452



77.3395, 0.2962, 0.3285



16.9931, 0.3045, 0.3405



33.8801, 0.2704, 0.4936



2.6798, 0.2636, 0.4690

Inverse Universe

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



67.5746, 0.3231, 0.3162



79.5813, 0.3257, 0.3133



67.1639, 0.3318, 0.3295



15.1744, 0.3218, 0.3178



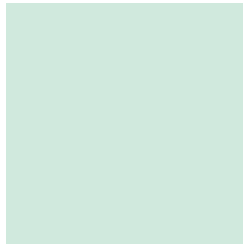
10.5153, 0.5042, 0.2551



0.8451, 0.4721, 0.2375

Previews

White Background



This preview shows how the Yxy color 76.9082, 0.3034, 0.3422 looks on a white background.

Color Contrast Check

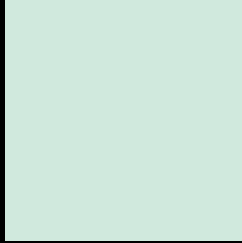
Large Text (above 18pt) WCAG AA × Fail

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 76.9082, 0.3034, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

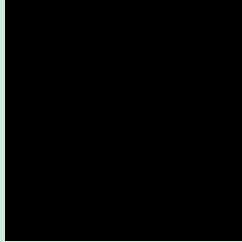
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

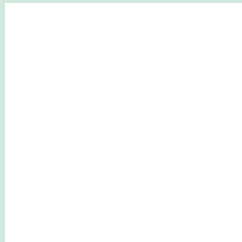
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9082, 0.3034, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 76.9082, 0.3034, 0.3422.

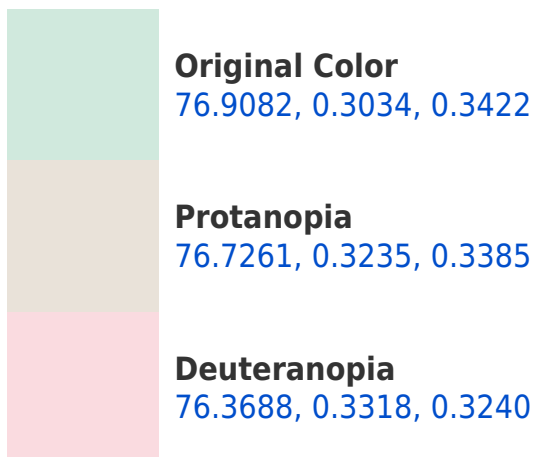


This preview shows how white text looks on a background with the Yxy color 76.9082, 0.3034, 0.3422.

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

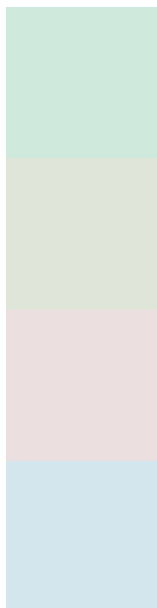




Tritanopia

76.7511, 0.2905, 0.3098

Trichromacy



Original Color

76.9082, 0.3034, 0.3422

Protanomaly

76.9479, 0.3163, 0.3408

Deuteranomaly

76.3012, 0.3211, 0.3301

Tritanomaly

76.6156, 0.2952, 0.3203

Monochromacy



Original Color

76.9082, 0.3034, 0.3422

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.1713, 0.3091, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9082, 0.3034, 0.3422 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(208, 233, 221)` looks like.

```
.text, #text, p{  
    color:rgb(208, 233, 221)  
}
```

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(208, 233, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 233, 221) }
```

Border

The CSS property to change the border of an element to Yxy 76.9082, 0.3034, 0.3422 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(208, 233, 221) }
```

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

```
.border{ border-color:rgb(208, 233, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 233, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 233, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 233, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 233,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9082, 0.3034, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 233, 221) }
```

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

```
.background{ background-color: rgb(208,  
233, 221) }
```

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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