

Converting Colors

Yxy(80.4107, 0.3053, 0.3442)

Have a look what the booklet for
Yxy(80.4107, 0.3053, 0.3442)
contains.

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Color

Yxy(80.6229, 0.3054, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	D5EEDF
RGB	213, 238, 223
RGB Percent	84%, 93%, 87%
CMY	0.1648, 0.0666, 0.1255
CMYK	0.11, 0.00, 0.06, 0.07
HSL	144°, 42%, 88%
HSV	144°, 11%, 93%
XYZ	71.3274, 80.6229, 81.6038
YIQ	228.8150, -10.0850, -9.9650

Conversions

Conversions Part 2

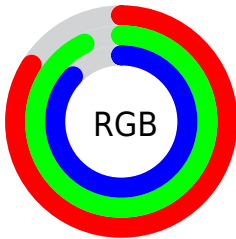
Format	Color
R_{YB}	213, 231, 238
Decimal	14020319
CIE _{Lab}	91.96, -10.99, 4.48
CIE _{LCh}	92, 11.867, 157.844
Yxy	80.6229, 0.3054, 0.3452
Android (android.graphics.Color)	4292210399 (0xFFD5EEDF)
YUV	228.8150, -2.8668, -13.8698
Hunter-Lab	89.7903, -15.3364, 8.9688

Details

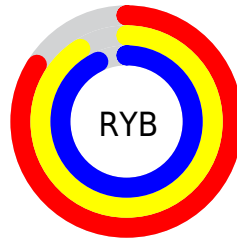
The Yxy color **80.6229, 0.3054, 0.3452** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.3579, 0.3208, 0.3133**, and the grayscale version is **78.2372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.5522, 0.3034, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **76.5866, 0.2986, 0.3625**, and if you desaturate by 10%, it is **85.2533, 0.3124, 0.3298**.

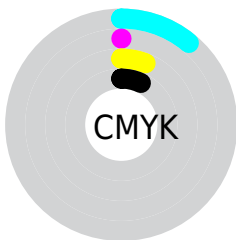
Distribution



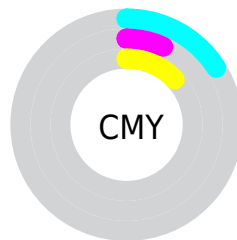
- Red (84%)
- Green (93%)
- Blue (87%)



- Red (84%)
- Yellow (91%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.6229, 0.3054, 0.3452 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 80.6229, 0.3054, 0.3452 by changing the saturation by 10% instead.

80.6229, 0.3054,
0.3452

80.6229, 0.3054,
0.3452

497.0296, 0.3088,
0.3377

60.2311, 0.3046,
0.3469

134.2411, 0.3066,
0.3426

43.6049, 0.3037,
0.3490

168.2363, 0.3070,
0.3416

30.3600, 0.3025,
0.3516

207.5348, 0.3074,
0.3408

20.1120, 0.3009,
0.3551

252.5209, 0.3078,
0.3400

12.4765, 0.2988,
0.3598

303.5790, 0.3081,
0.3393

7.0691, 0.2957,
0.3665

361.0936, 0.3083,

3.5053, 0.2909,

0.3387

0.3771

425.4490, 0.3086,
0.3382

■ 1.4009, 0.2824,
0.3958

■ 0.2174, 0.0000,
1.0000

■ 80.6229, 0.3054,
0.3452

■ 80.6229, 0.3054,
0.3452

■ 76.5866, 0.2986,
0.3625

■ 85.2533, 0.3124,
0.3298

■ 73.1099, 0.2922,
0.3817

■ 89.4169, 0.3156,
0.3159

■ 70.1704, 0.2864,
0.4027

■ 89.6366, 0.3135,
0.3127

■ 67.7397, 0.2817,
0.4251

■ 65.7874, 0.2783,
0.4485

■ 64.2791, 0.2766,
0.4722

■ 63.1759, 0.2767,
0.4953

■ 62.4315, 0.2788,
0.5170

■ 61.9858, 0.2821,
0.5355

Harmonies

Analogous

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



80.6229, 0.3193, 0.3522



80.6229, 0.3054, 0.3452



80.6229, 0.2936, 0.3336

Triad

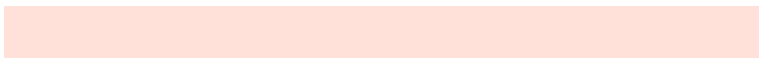
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6229, 0.3054, 0.3452



80.6229, 0.2938, 0.3059



80.6229, 0.3392, 0.3361

Complementary

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



80.6229, 0.3054, 0.3452



71.3579, 0.3208, 0.3133

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.



80.6229, 0.3320, 0.3241



80.6229, 0.3054, 0.3452



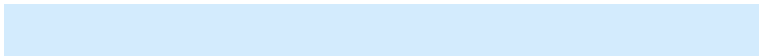
80.6229, 0.3057, 0.3070

Square

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



80.6229, 0.3054, 0.3452



80.6229, 0.2870, 0.3109



80.6229, 0.3197, 0.3136



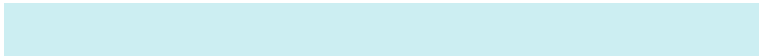
80.6229, 0.3390, 0.3466

Rectangle

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



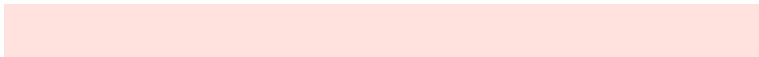
80.6229, 0.3054, 0.3452



80.6229, 0.2885, 0.3250



80.6229, 0.3197, 0.3136



80.6229, 0.3375, 0.3322

Sweetspot

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



80.6263, 0.3054, 0.3452



98.2856, 0.3106, 0.3334



82.5216, 0.3218, 0.3555



20.9414, 0.3101, 0.3346



0.0000, 0.0000, 0.0000



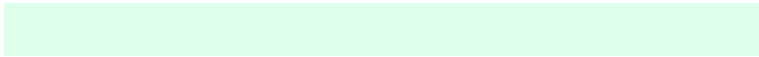
21.4041, 0.3127, 0.3290

Same Dimension

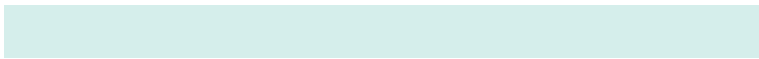
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6263, 0.3054, 0.3452



93.0301, 0.3037, 0.3494



81.3028, 0.2982, 0.3321



17.7611, 0.3061, 0.3435



34.6015, 0.2813, 0.5326



2.8976, 0.2740, 0.5063

Inverse Universe

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



71.3579, 0.3208, 0.3133



79.8185, 0.3230, 0.3094



70.7089, 0.3293, 0.3260



15.9182, 0.3199, 0.3149



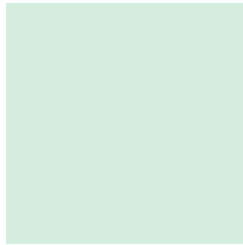
11.2710, 0.4539, 0.2274



0.9572, 0.4316, 0.2151

Previews

White Background



This preview shows how the Yxy color 80.6229, 0.3054, 0.3452 looks on a white background.

Color Contrast Check

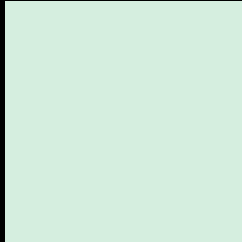
Large Text (above 18pt) WCAG AA × Fail

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 80.6229, 0.3054, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

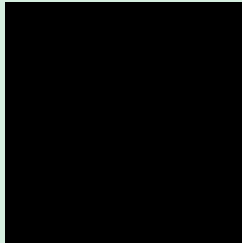
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

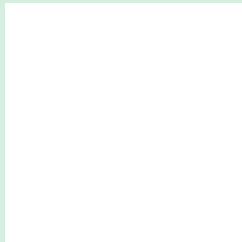
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.6229, 0.3054, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 80.6229, 0.3054, 0.3452.

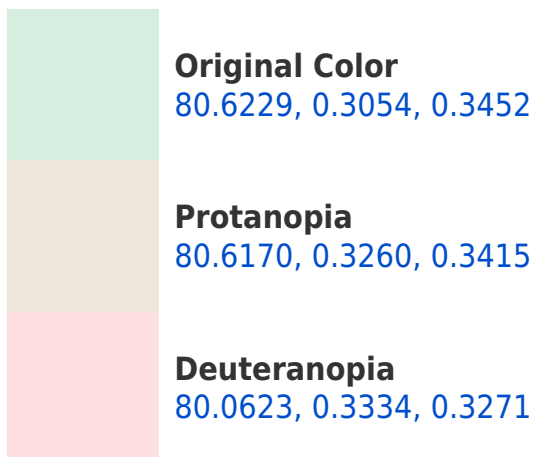


This preview shows how white text looks on a background with the Yxy color 80.6229, 0.3054, 0.3452.

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

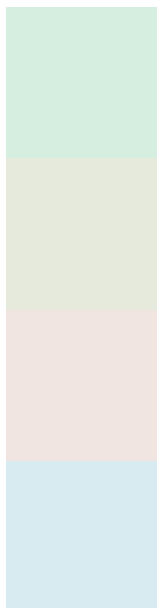




Tritanopia

80.7793, 0.2915, 0.3102

Trichromacy



Original Color

80.6229, 0.3054, 0.3452

Protanomaly

80.8359, 0.3188, 0.3437

Deuteranomaly

80.0001, 0.3229, 0.3331

Tritanomaly

80.3665, 0.2967, 0.3226

Monochromacy



Original Color

80.6229, 0.3054, 0.3452

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.9473, 0.3098, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6229, 0.3054, 0.3452 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(213, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(213, 238, 223)  
}
```

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(213, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 238, 223) }
```

Border

The CSS property to change the border of an element to Yxy 80.6229, 0.3054, 0.3452 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(213, 238, 223) }
```

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

```
.border{ border-color:rgb(213, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(213, 238,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6229, 0.3054, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 238, 223) }
```

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

```
.background{ background-color: rgb(213,  
238, 223) }
```

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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