

Converting Colors

$Yxy(80.2184, 0.3053, 0.3474)$

Have a look what the booklet for
Yxy(80.2184, 0.3053, 0.3474)
contains.

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Color

Yxy(80.2184, 0.3053, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	D3EEDD
RGB	211, 238, 221
RGB Percent	83%, 93%, 87%
CMY	0.1725, 0.0667, 0.1332
CMYK	0.11, 0.00, 0.07, 0.07
HSL	142°, 44%, 88%
HSV	142°, 11%, 93%
XYZ	70.4971, 80.2184, 80.1953
YIQ	227.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

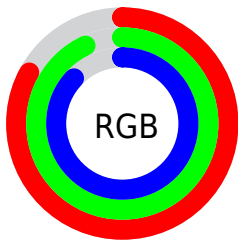
Format	Color
R_{YB}	211, 231, 238
Decimal	13889245
CIE _{Lab}	91.78, -11.98, 5.21
CIE _{LCh}	92, 13.067, 156.479
Y _{xy}	80.2184, 0.3053, 0.3474
Android (android.graphics.Color)	4292079325 (0xFFD3EEDD)
YUV	227.9890, -3.4456, -14.8994
Hunter-Lab	89.5647, -16.2396, 9.6077

Details

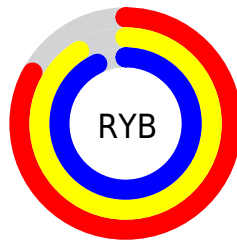
The Yxy color **80.2184, 0.3053, 0.3474** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3768, 0.3209, 0.3113**, and the grayscale version is **77.6118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2770, 0.3033, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **76.1997, 0.2989, 0.3658**, and if you desaturate by 10%, it is **84.8355, 0.3118, 0.3310**.

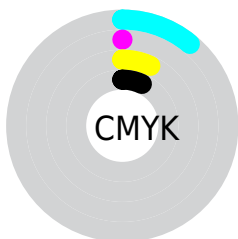
Distribution



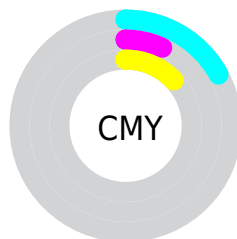
- Red (83%)
- Green (93%)
- Blue (87%)



- Red (83%)
- Yellow (91%)
- Blue (93%)



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



- Cyan (17%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.2184, 0.3053, 0.3474 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 80.2184, 0.3053, 0.3474 by changing the saturation by 10% instead.

80.2184, 0.3053,
0.3474

80.2184, 0.3053,
0.3474

495.6686, 0.3087,
0.3389

59.8981, 0.3045,
0.3493

133.6727, 0.3065,
0.3445

43.3365, 0.3035,
0.3517

167.5756, 0.3070,
0.3433

30.1492, 0.3023,
0.3548

206.7747, 0.3074,
0.3423

19.9519, 0.3007,
0.3587

251.6545, 0.3077,
0.3415

12.3601, 0.2985,
0.3641

302.5994, 0.3080,
0.3407

6.9894, 0.2953,
0.3719

359.9938, 0.3083,

3.4555, 0.2903,

0.3400

0.3841

424.2220, 0.3085,
0.3394

■ 1.3739, 0.2812,
0.4060

■ 0.1974, 0.0000,
1.0000

■ 80.2184, 0.3053,
0.3474

■ 80.2184, 0.3053,
0.3474

■ 76.1997, 0.2989,
0.3658

■ 84.8355, 0.3118,
0.3310

■ 72.7445, 0.2929,
0.3861

■ 89.3706, 0.3160,
0.3165

■ 69.8298, 0.2875,
0.4083

■ 89.6276, 0.3135,
0.3127

■ 67.4272, 0.2831,
0.4319

■ 65.5053, 0.2801,
0.4565

■ 64.0292, 0.2787,
0.4812

■ 62.9593, 0.2791,
0.5050

■ 62.2480, 0.2814,
0.5269

■ 61.8573, 0.2844,
0.5438

Harmonies

Analogous

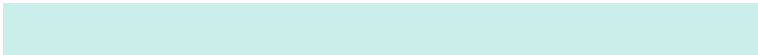
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2184, 0.3206, 0.3549



80.2184, 0.3053, 0.3474



80.2184, 0.2922, 0.3347

Triad

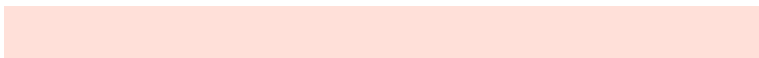
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2184, 0.3053, 0.3474



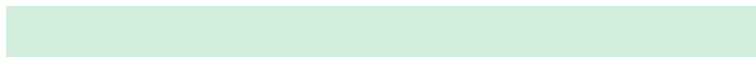
80.2184, 0.2914, 0.3037



80.2184, 0.3417, 0.3362

Complementary

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



80.2184, 0.3053, 0.3474



70.3768, 0.3209, 0.3113

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.



80.2184, 0.3335, 0.3230



80.2184, 0.3053, 0.3474



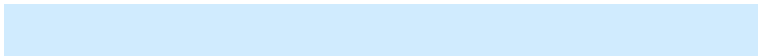
80.2184, 0.3043, 0.3046

Square

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



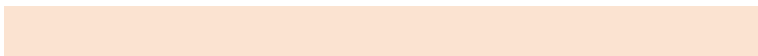
80.2184, 0.3053, 0.3474



80.2184, 0.2843, 0.3094



80.2184, 0.3197, 0.3116



80.2184, 0.3419, 0.3479

Rectangle

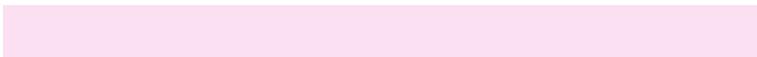
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.2184, 0.3053, 0.3474



80.2184, 0.2863, 0.3252



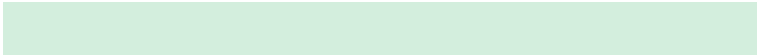
80.2184, 0.3197, 0.3116



80.2184, 0.3398, 0.3318

Sweetspot

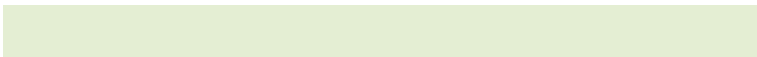
The Sweet Spot groups the original color and five complimentary colors.



80.2218, 0.3053, 0.3474



98.2718, 0.3107, 0.3336



82.3632, 0.3228, 0.3576



20.9377, 0.3102, 0.3349



0.0000, 0.0000, 0.0000



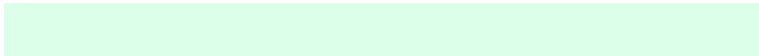
21.4041, 0.3127, 0.3290

Same Dimension

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



80.2218, 0.3053, 0.3474



92.4840, 0.3035, 0.3522



80.9632, 0.2974, 0.3328



17.7534, 0.3065, 0.3442



34.5339, 0.2836, 0.5410



2.8915, 0.2762, 0.5144

Inverse Universe

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



70.3768, 0.3209, 0.3113



78.4757, 0.3232, 0.3069



69.6627, 0.3304, 0.3252



15.9261, 0.3195, 0.3143



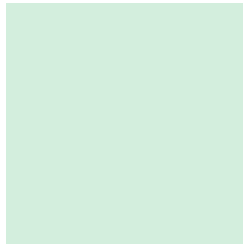
11.3898, 0.4422, 0.2210



0.9667, 0.4220, 0.2098

Previews

White Background



This preview shows how the Yxy color 80.2184, 0.3053, 0.3474 looks on a white background.

Color Contrast Check

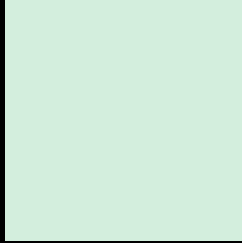
Large Text (above 18pt) WCAG AA × Fail

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 80.2184, 0.3053, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

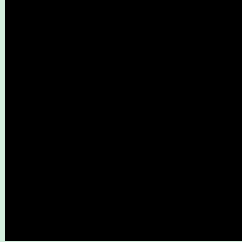
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

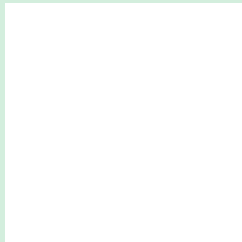
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.2184, 0.3053, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 80.2184, 0.3053, 0.3474.

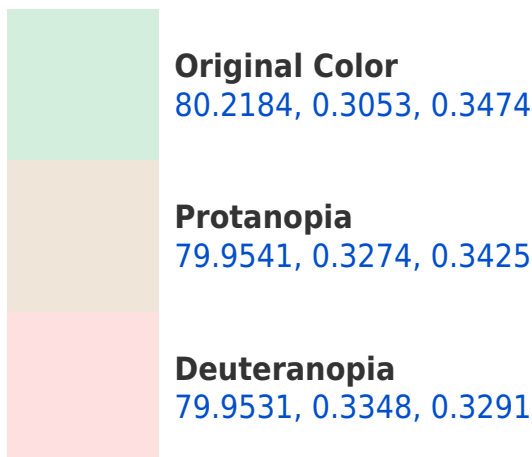


This preview shows how white text looks on a background with the Yxy color 80.2184, 0.3053, 0.3474.

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

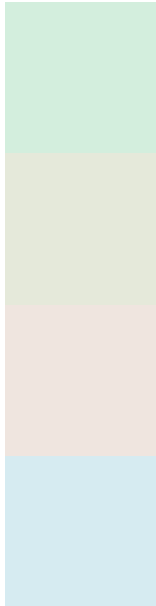




Tritanopia

79.9050, 0.2902, 0.3091

Trichromacy



Original Color

80.2184, 0.3053, 0.3474

Protanomaly

79.9978, 0.3195, 0.3449

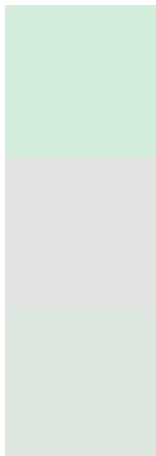
Deuteranomaly

79.7171, 0.3235, 0.3352

Tritanomaly

80.0637, 0.2954, 0.3226

Monochromacy



Original Color

80.2184, 0.3053, 0.3474

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.6791, 0.3103, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2184, 0.3053, 0.3474 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(211, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(211, 238, 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(211, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 238, 221) }
```

Border

The CSS property to change the border of an element to Yxy 80.2184, 0.3053, 0.3474 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(211, 238, 221) }
```

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

```
.border{ border-color:rgb(211, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(211, 238,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2184, 0.3053, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 238, 221) }
```

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

```
.background{ background-color: rgb(211,  
238, 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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