

Converting Colors

Yxy(80.6656, 0.3023, 0.3408)

Have a look what the booklet for
Yxy(80.6656, 0.3023, 0.3408)
contains.

Yxy(80.6922, 0.3024, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(80.6922, 0.3024, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	D4EEE3
RGB	212, 238, 227
RGB Percent	83%, 93%, 89%
CMY	0.1685, 0.0667, 0.1098
CMYK	0.11, 0.00, 0.05, 0.07
HSL	155°, 43%, 88%
HSV	155°, 11%, 93%
XYZ	71.6001, 80.6922, 84.4806
YIQ	228.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

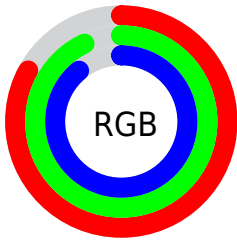
Format	Color
R _Y B	212, 228, 238
Decimal	13954787
CIE Lab	91.99, -10.55, 2.42
CIE LCh	92, 10.820, 167.083
Yxy	80.6922, 0.3024, 0.3408
Android (android.graphics.Color)	4292144867 (0xFFD4EEE3)
YUV	228.9720, -0.9722, -14.8844
Hunter-Lab	89.8288, -14.9230, 7.1202

Details

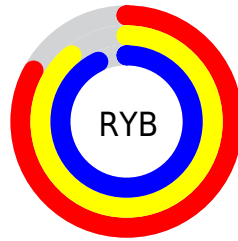
The Yxy color **80.6922, 0.3024, 0.3408** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.6121, 0.3243, 0.3175**, and the grayscale version is **78.3538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.6026, 0.2996, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **76.8745, 0.2933, 0.3529**, and if you desaturate by 10%, it is **85.0706, 0.3119, 0.3299**.

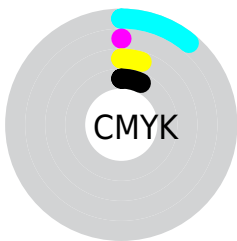
Distribution



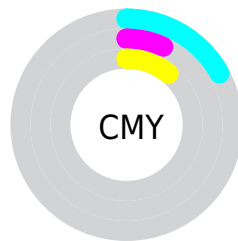
- Red (83%)
- Green (93%)
- Blue (89%)



- Red (83%)
- Yellow (89%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)




- Cyan (17%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.6922, 0.3024, 0.3408 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 80.6922, 0.3024, 0.3408 by changing the saturation by 10% instead.


 80.6922, 0.3024,
0.3408

 80.6922, 0.3024,
0.3408

497.2625, 0.3071,
0.3354

 60.2881, 0.3013,
0.3420


134.3385, 0.3040,
0.3389

 43.6509, 0.3000,
0.3435

168.3495, 0.3047,
0.3382

 30.3962, 0.2984,
0.3454


207.6650, 0.3052,
0.3376

 20.1395, 0.2962,
0.3479

252.6692, 0.3057,
0.3370

 12.4965, 0.2934,
0.3513

303.7467, 0.3061,
0.3366

 7.0827, 0.2893,
0.3561

361.2819, 0.3065,

 3.5139, 0.2830,

0.3361

425.6590, 0.3068,
0.3357

0.3635

1.4056, 0.2720,
0.3766

0.2208, 0.0000,
0.7558

80.6922, 0.3024,
0.3408

80.6922, 0.3024,
0.3408

76.8745, 0.2933,
0.3529

85.0706, 0.3119,
0.3299

73.5839, 0.2848,
0.3662


89.1310, 0.3183,
0.3201


70.7991, 0.2772,
0.3806


89.6260, 0.3135,
0.3127


68.4929, 0.2708,
0.3961

 66.6357, 0.2660,
0.4123

 65.1945, 0.2630,
0.4289

 64.1314, 0.2621,
0.4456

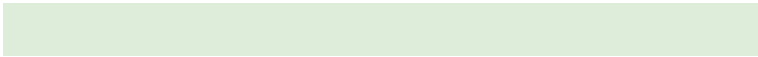
 63.4014, 0.2632,
0.4620

 62.9600, 0.2657,
0.4765

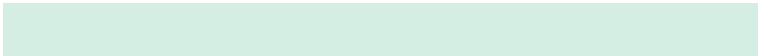
Harmonies

Analogous

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



80.6922, 0.3148, 0.3487



80.6922, 0.3024, 0.3408



80.6922, 0.2928, 0.3296

Triad

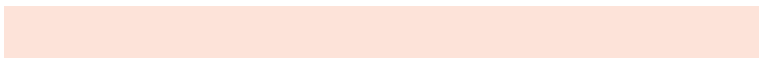
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6922, 0.3024, 0.3408



80.6922, 0.2984, 0.3076



80.6922, 0.3375, 0.3388

Complementary

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



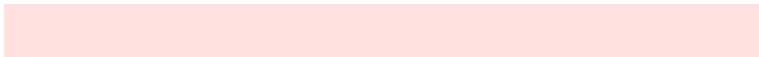
80.6922, 0.3024, 0.3408



70.6121, 0.3243, 0.3175

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.



80.6922, 0.3329, 0.3279



80.6922, 0.3024, 0.3408



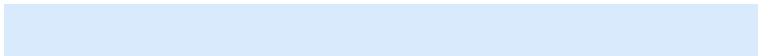
80.6922, 0.3102, 0.3103

Square

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



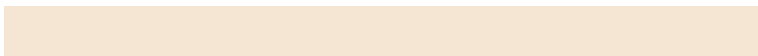
80.6922, 0.3024, 0.3408



80.6922, 0.2906, 0.3105



80.6922, 0.3229, 0.3176



80.6922, 0.3353, 0.3473

Rectangle

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



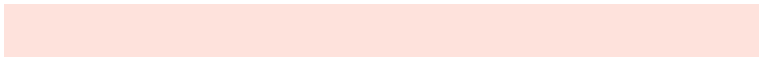
80.6922, 0.3024, 0.3408



80.6922, 0.2893, 0.3220



80.6922, 0.3229, 0.3176



80.6922, 0.3367, 0.3353

Sweetspot

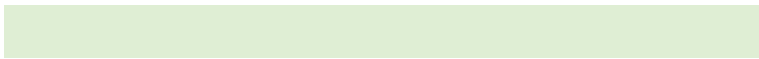
The Sweet Spot groups the original color and five complimentary colors.



80.6956, 0.3024, 0.3408



98.3711, 0.3098, 0.3321



81.6351, 0.3189, 0.3567



20.9645, 0.3091, 0.3330



0.0000, 0.0000, 0.0000



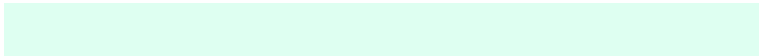
21.4041, 0.3127, 0.3290

Same Dimension

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



80.6956, 0.3024, 0.3408



93.3750, 0.3004, 0.3433



80.3190, 0.2959, 0.3271



17.8093, 0.3037, 0.3392



35.1535, 0.2650, 0.4740



2.9443, 0.2592, 0.4529

Inverse Universe

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



70.6121, 0.3243, 0.3175



79.4720, 0.3269, 0.3151



70.9086, 0.3320, 0.3309



15.8699, 0.3227, 0.3190



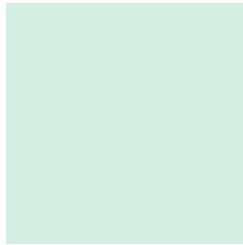
10.6868, 0.5282, 0.2683



0.9085, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 80.6922, 0.3024, 0.3408 looks on a white background.

Color Contrast Check

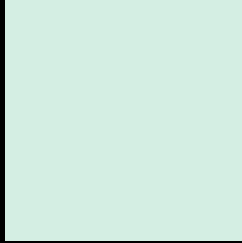
Large Text (above 18pt) WCAG AA × Fail

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 80.6922, 0.3024, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

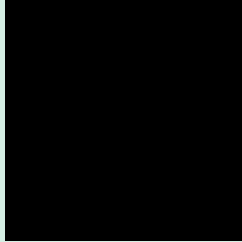
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

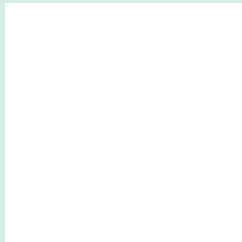
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.6922, 0.3024, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 80.6922, 0.3024, 0.3408.

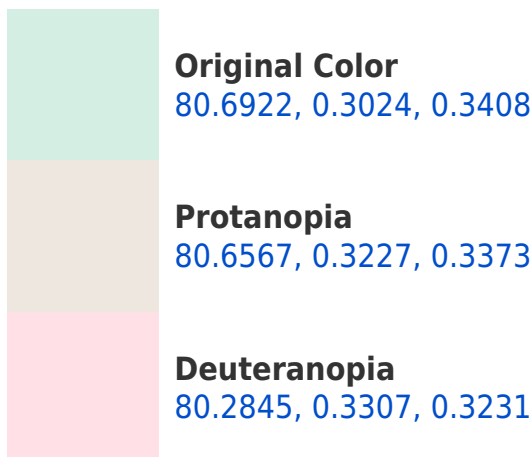


This preview shows how white text looks on a background with the Yxy color 80.6922, 0.3024, 0.3408.

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

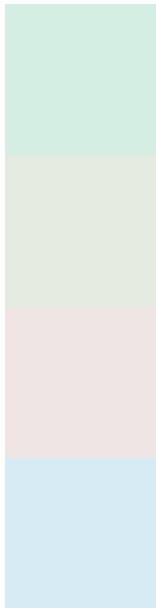




Tritanopia

80.5364, 0.2897, 0.3092

Trichromacy



Original Color

80.6922, 0.3024, 0.3408

Protanomaly

80.8855, 0.3156, 0.3395

Deuteranomaly

80.0465, 0.3196, 0.3290

Tritanomaly

80.3954, 0.2943, 0.3195

Monochromacy



Original Color

80.6922, 0.3024, 0.3408

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.0026, 0.3091, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6922, 0.3024, 0.3408 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(212, 238, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 238, 227)  
}
```

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(212, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 238, 227) }
```

Border

The CSS property to change the border of an element to Yxy 80.6922, 0.3024, 0.3408 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(212, 238, 227) }
```

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

```
.border{ border-color:rgb(212, 238, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 238, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 238, 227); box-shadow:4px 4px 4px 4px rgb(212, 238, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6922, 0.3024, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 238, 227) }
```

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

```
.background{ background-color: rgb(212,  
238, 227) }
```

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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