

Converting Colors

Yxy(80.2241, 0.2966, 0.3280)

Have a look what the booklet for
Yxy(80.2241, 0.2966, 0.3280)
contains.

Yxy(80.1024, 0.2965, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(80.1024, 0.2965, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D4ECED
RGB	212, 236, 237
RGB Percent	83%, 93%, 93%
CMY	0.1686, 0.0745, 0.0706
CMYK	0.11, 0.00, 0.00, 0.07
HSL	182°, 41%, 88%
HSV	182°, 11%, 93%
XYZ	72.4317, 80.1024, 91.7550
YIQ	228.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

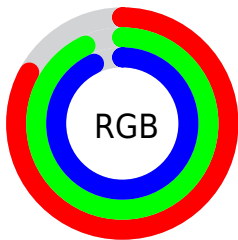
Format	Color
R _Y B	212, 224, 237
Decimal	13954285
CIE Lab	91.73, -7.65, -3.17
CIE LCh	92, 8.283, 202.474
Yxy	80.1024, 0.2965, 0.3279
Android (android.graphics.Color)	4292144365 (0xFFD4ECED)
YUV	228.9380, 3.9746, -14.8546
Hunter-Lab	89.4999, -12.1660, 1.8661

Details

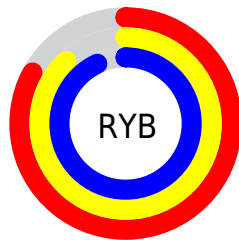
The Yxy color **80.1024, 0.2965, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3380, 0.3313, 0.3301**, and the grayscale version is **78.2868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1468, 0.2928, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **76.3027, 0.2819, 0.3268**, and if you desaturate by 10%, it is **84.4285, 0.3119, 0.3289**.

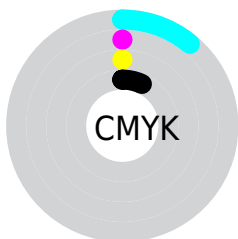
Distribution



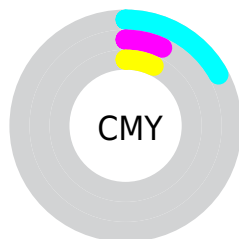
- Red (83%)
- Green (93%)
- Blue (93%)



- Red (83%)
- Yellow (88%)
- Blue (93%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.1024, 0.2965, 0.3279 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 80.1024, 0.2965, 0.3279 by changing the saturation by 10% instead.

80.1024, 0.2965,
0.3279

80.1024, 0.2965,
0.3279

495.2779, 0.3039,
0.3285

59.8026, 0.2949,
0.3278

133.5097, 0.2990,
0.3281

43.2596, 0.2928,
0.3276

167.3860, 0.3000,
0.3282

30.0888, 0.2903,
0.3274

206.5566, 0.3009,
0.3282

19.9060, 0.2871,
0.3271

251.4059, 0.3016,
0.3283

12.3267, 0.2827,
0.3266

302.3183, 0.3023,
0.3283

6.9666, 0.2765,
0.3260

359.6781, 0.3029,

3.4412, 0.2672,

0.3284

0.3249

423.8699, 0.3034,
0.3284

■ 1.3662, 0.2515,
0.3227

■ 0.1916, 0.0000,
0.3082

■ 80.1024, 0.2965,
0.3279

■ 80.1024, 0.2965,
0.3279

■ 76.3027, 0.2819,
0.3268

■ 84.4285, 0.3119,
0.3289

■ 72.9969, 0.2684,
0.3256

■ 88.4478, 0.3247,
0.3299

■ 70.1644, 0.2563,
0.3243

■ 88.9918, 0.3246,
0.3308

■ 67.7790, 0.2458,
0.3230

■ 89.5386, 0.3246,
0.3317

65.8121, 0.2372,
0.3217

90.0882, 0.3245,
0.3326

64.2317, 0.2304,
0.3203

90.6407, 0.3244,
0.3335

63.0012, 0.2257,
0.3190

91.1960, 0.3243,
0.3344

62.0770, 0.2227,
0.3177

91.7541, 0.3242,
0.3353

61.4162, 0.2213,
0.3165

92.3151, 0.3241,
0.3362

Harmonies

Analogous

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



80.1024, 0.3033, 0.3366



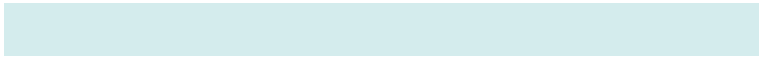
80.1024, 0.2965, 0.3279



80.1024, 0.2940, 0.3197

Triad

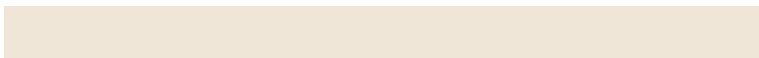
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1024, 0.2965, 0.3279



80.1024, 0.3126, 0.3153



80.1024, 0.3292, 0.3439

Complementary

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



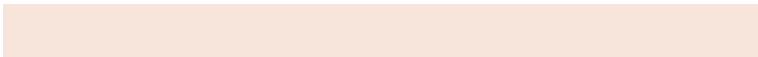
80.1024, 0.2965, 0.3279



70.3380, 0.3313, 0.3301

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.



80.1024, 0.3318, 0.3379



80.1024, 0.2965, 0.3279



80.1024, 0.3221, 0.3216

Square

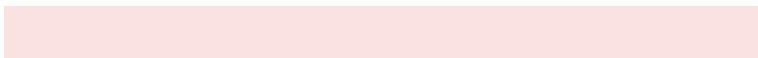
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1024, 0.2965, 0.3279



80.1024, 0.3032, 0.3126



80.1024, 0.3292, 0.3298



80.1024, 0.3221, 0.3459

Rectangle

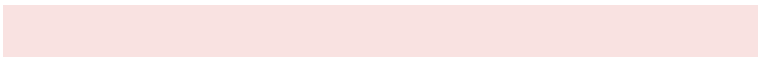
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1024, 0.2965, 0.3279



80.1024, 0.2951, 0.3156



80.1024, 0.3292, 0.3298



80.1024, 0.3306, 0.3423

Sweetspot

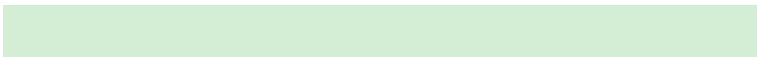
The Sweet Spot groups the original color and five complimentary colors.



80.1058, 0.2965, 0.3279



98.3860, 0.3080, 0.3287



79.3554, 0.3109, 0.3554



20.9684, 0.3068, 0.3286



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.



80.1058, 0.2965, 0.3279



93.4165, 0.2928, 0.3276



73.2419, 0.2963, 0.3145



17.0143, 0.2981, 0.3280



33.5819, 0.2213, 0.3167



2.6687, 0.2218, 0.3185

Inverse Universe

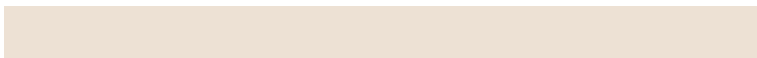
The Inverse Universe completely reimagines the original color for something new.



71.1478, 0.3146, 0.3041



80.5592, 0.3151, 0.2980



76.7849, 0.3298, 0.3431



15.3029, 0.3144, 0.3067



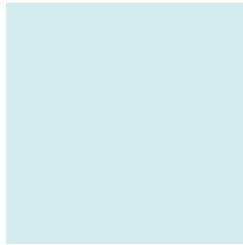
12.8829, 0.3310, 0.1597



1.0148, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 80.1024, 0.2965, 0.3279 looks on a white background.

Color Contrast Check

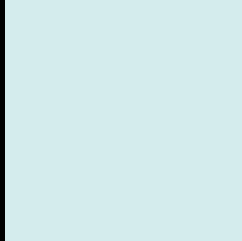
Large Text (above 18pt) WCAG AA × Fail

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 80.1024, 0.2965, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

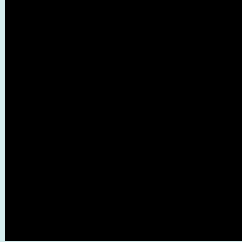
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

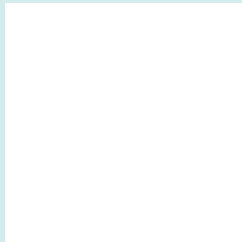
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1024, 0.2965, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 80.1024, 0.2965, 0.3279.

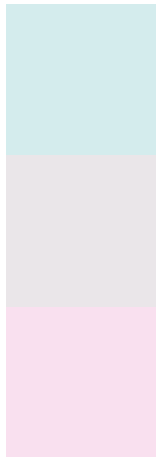


This preview shows how white text looks on a background with the Yxy color 80.1024, 0.2965, 0.3279.

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



Original Color

80.1024, 0.2965, 0.3279

Protanopia

79.9692, 0.3135, 0.3259

Deuteranopia

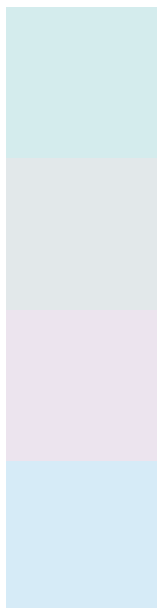
79.6830, 0.3204, 0.3140



Tritanopia

80.3210, 0.2897, 0.3101

Trichromacy



Original Color

80.1024, 0.2965, 0.3279

Protanomaly

79.8225, 0.3074, 0.3269

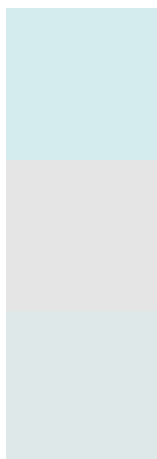
Deuteranomaly

79.4927, 0.3118, 0.3187

Tritanomaly

80.4282, 0.2919, 0.3163

Monochromacy



Original Color

80.1024, 0.2965, 0.3279

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.2274, 0.3067, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1024, 0.2965, 0.3279 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, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(212, 236, 237)  
}
```

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, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 236, 237) }
```

Border

The CSS property to change the border of an element to Yxy 80.1024, 0.2965, 0.3279 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, 236, 237) }
```

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

```
.border{ border-color:rgb(212, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(212, 236,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1024, 0.2965, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 236, 237) }
```

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

```
.background{ background-color: rgb(212,  
236, 237) }
```

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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