

Converting Colors

$Yxy(81.9635, 0.3017, 0.3276)$

Have a look what the booklet for
Yxy(81.9635, 0.3017, 0.3276)
contains.

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Color

Yxy(82.1136, 0.3017, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DDEDEE
RGB	221, 237, 238
RGB Percent	87%, 93%, 93%
CMY	0.1330, 0.0706, 0.0667
CMYK	0.07, 0.00, 0.00, 0.07
HSL	184°, 33%, 90%
HSV	184°, 7%, 93%
XYZ	75.5525, 82.1136, 92.7566
YIQ	232.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

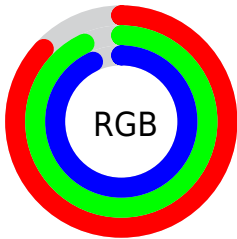
Format	Color
R _Y B	221, 229, 238
Decimal	14544366
CIE Lab	92.62, -5.04, -2.31
CIE LCh	93, 5.545, 204.615
Yxy	82.1136, 0.3017, 0.3279
Android (android.graphics.Color)	4292734446 (0xFFDDEDEE)
YUV	232.3300, 2.7953, -9.9364
Hunter-Lab	90.6166, -9.7527, 2.7414

Details

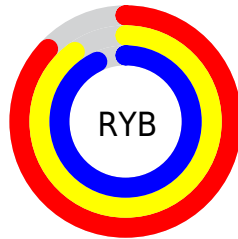
The Yxy color **82.1136, 0.3017, 0.3279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6942, 0.3248, 0.3301**, and the grayscale version is **80.9508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5321, 0.2994, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **77.8159, 0.2868, 0.3262**, and if you desaturate by 10%, it is **86.9544, 0.3173, 0.3294**.

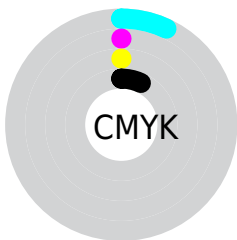
Distribution



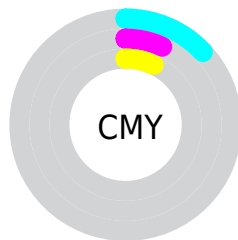
- Red (87%)
- Green (93%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1136, 0.3017, 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 82.1136, 0.3017, 0.3279 by changing the saturation by 10% instead.

82.1136, 0.3017,
0.3279

82.1136, 0.3017,
0.3279

502.0276, 0.3067,
0.3284

61.4592, 0.3006,
0.3278

136.3333, 0.3034,
0.3281

44.5958, 0.2992,
0.3276

170.6674, 0.3041,
0.3282

31.1392, 0.2975,
0.3274

210.3301, 0.3047,
0.3282

20.7049, 0.2953,
0.3272

255.7059, 0.3052,
0.3283

12.9084, 0.2924,
0.3268

307.1791, 0.3056,
0.3283

7.3655, 0.2883,
0.3263

365.1342, 0.3060,

3.6917, 0.2821,

0.3284

0.3254

429.9556, 0.3064,
0.3284

■ 1.5027, 0.2716,
0.3239

■ 0.2906, 0.1662,
0.3153

■ 82.1136, 0.3017,
0.3279

■ 82.1136, 0.3017,
0.3279

■ 77.8159, 0.2868,
0.3262

■ 86.9544, 0.3173,
0.3294

■ 74.0289, 0.2728,
0.3245

■ 89.6619, 0.3239,
0.3308

■ 70.7322, 0.2600,
0.3226

■ 90.5064, 0.3238,
0.3322

■ 67.9001, 0.2487,
0.3206

■ 91.3575, 0.3237,
0.3336

65.5048, 0.2391,
0.3186

92.2153, 0.3235,
0.3350

63.5151, 0.2315,
0.3165

93.0797, 0.3234,
0.3364

61.8959, 0.2258,
0.3145

93.9508, 0.3233,
0.3377

60.6059, 0.2220,
0.3124

94.8287, 0.3232,
0.3391

59.5917, 0.2199,
0.3104

95.7133, 0.3231,
0.3405

Harmonies

Analogous

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



82.1136, 0.3061, 0.3337



82.1136, 0.3017, 0.3279



82.1136, 0.3003, 0.3225

Triad

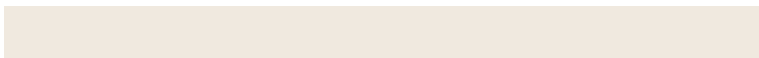
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1136, 0.3017, 0.3279



82.1136, 0.3131, 0.3201



82.1136, 0.3234, 0.3391

Complementary

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



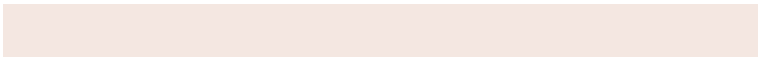
82.1136, 0.3017, 0.3279



75.6942, 0.3248, 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.



82.1136, 0.3253, 0.3353



82.1136, 0.3017, 0.3279



82.1136, 0.3194, 0.3244

Square

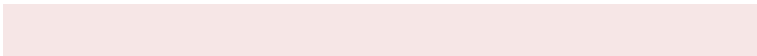
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1136, 0.3017, 0.3279



82.1136, 0.3068, 0.3181



82.1136, 0.3239, 0.3300



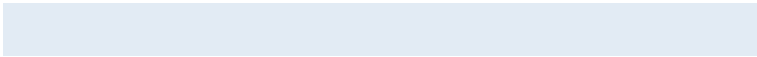
82.1136, 0.3186, 0.3402

Rectangle

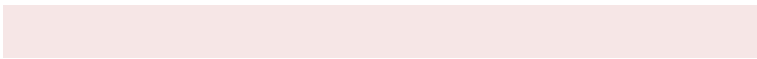
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1136, 0.3017, 0.3279



82.1136, 0.3012, 0.3199



82.1136, 0.3239, 0.3300



82.1136, 0.3244, 0.3381

Sweetspot

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



82.1171, 0.3017, 0.3279



98.8502, 0.3096, 0.3287



81.8041, 0.3114, 0.3461



21.1701, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



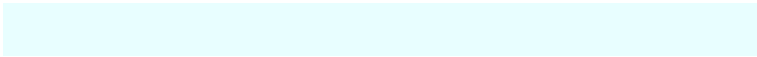
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1171, 0.3017, 0.3279



95.0276, 0.2988, 0.3276



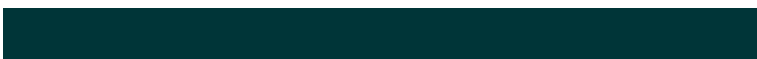
77.4262, 0.3018, 0.3191



17.7567, 0.2981, 0.3275



33.1665, 0.2195, 0.3102



2.8081, 0.2202, 0.3128

Inverse Universe

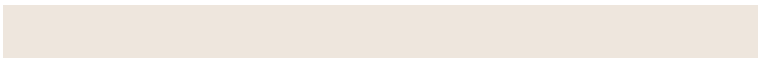
The Inverse Universe completely reimagines the original color for something new.



76.0444, 0.3142, 0.3127



86.1329, 0.3146, 0.3082



80.2104, 0.3240, 0.3387



16.0141, 0.3147, 0.3071



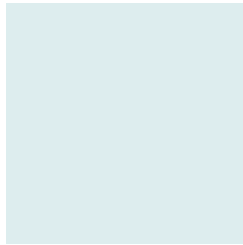
13.1415, 0.3366, 0.1628



1.0982, 0.3343, 0.1615

Previews

White Background



This preview shows how the Yxy color 82.1136, 0.3017, 0.3279 looks on a white background.

Color Contrast Check

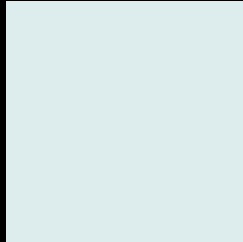
Large Text (above 18pt) WCAG AA × Fail

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 82.1136, 0.3017, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

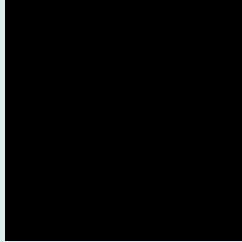
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

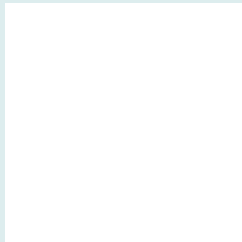
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1136, 0.3017, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 82.1136, 0.3017, 0.3279.

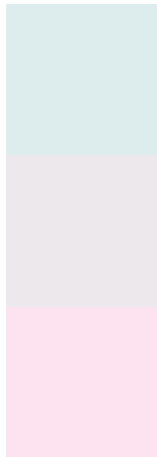


This preview shows how white text looks on a background with the Yxy color 82.1136, 0.3017, 0.3279.

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

82.1136, 0.3017, 0.3279

Protanopia

81.7159, 0.3142, 0.3259

Deuteranopia

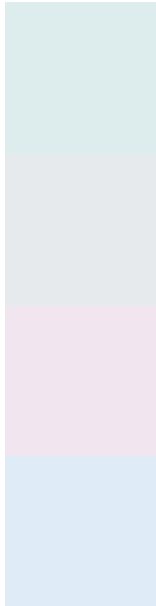
81.5666, 0.3224, 0.3152



Tritanopia

82.3558, 0.2947, 0.3105

Trichromacy



Original Color

82.1136, 0.3017, 0.3279

Protanomaly

81.8907, 0.3095, 0.3269

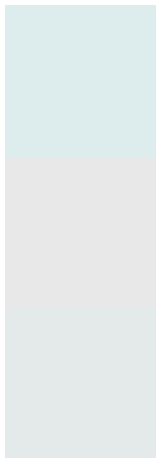
Deuteranomaly

81.5264, 0.3145, 0.3199

Tritanomaly

82.4562, 0.2970, 0.3166

Monochromacy



Original Color

82.1136, 0.3017, 0.3279

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.2801, 0.3087, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1136, 0.3017, 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(221, 237, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 237, 238)  
}
```

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(221, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 237, 238) }
```

Border

The CSS property to change the border of an element to Yxy 82.1136, 0.3017, 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(221, 237, 238) }
```

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

```
.border{ border-color:rgb(221, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 237,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1136, 0.3017, 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(221, 237, 238) }
```

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

```
.background{ background-color: rgb(221,  
237, 238) }
```

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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