

Converting Colors

Yxy(81.8612, 0.3034, 0.3258)

Have a look what the booklet for
Yxy(81.8612, 0.3034, 0.3258)
contains.

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Color

Yxy(82.0702, 0.3030, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E0ECEF
RGB	224, 236, 239
RGB Percent	88%, 93%, 94%
CMY	0.1214, 0.0745, 0.0626
CMYK	0.06, 0.01, 0.00, 0.06
HSL	192°, 32%, 91%
HSV	192°, 6%, 94%
XYZ	76.3268, 82.0702, 93.5066
YIQ	232.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

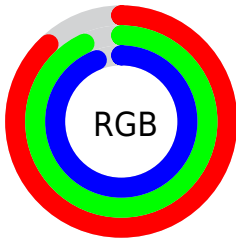
Format	Color
R _Y B	224, 231, 239
Decimal	14740719
CIE Lab	92.61, -3.38, -2.85
CIE LCh	93, 4.424, 220.144
Yxy	82.0702, 0.3030, 0.3258
Android (android.graphics.Color)	4292930799 (0xFFE0ECEF)
YUV	232.7540, 3.0793, -7.6773
Hunter-Lab	90.5926, -8.1458, 2.2177

Details

The Yxy color **82.0702, 0.3030, 0.3258** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.7193, 0.3231, 0.3322**, and the grayscale version is **81.2787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4964, 0.3011, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **75.7649, 0.2877, 0.3203**, and if you desaturate by 10%, it is **88.9952, 0.3185, 0.3308**.

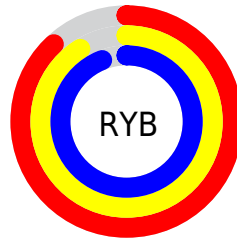
Distribution



Red (88%)

Green (93%)

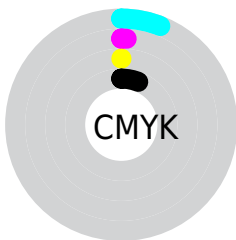
Blue (94%)



Red (88%)

Yellow (91%)

Blue (94%)

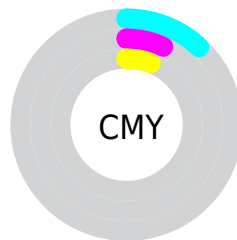


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0702, 0.3030, 0.3258 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 82.0702, 0.3030, 0.3258 by changing the saturation by 10% instead.

■ 82.0702, 0.3030,
0.3258

■ 82.0702, 0.3030,
0.3258

501.8825, 0.3074,
0.3273

■ 61.4234, 0.3020,
0.3255

136.2724, 0.3045,
0.3263

■ 44.5670, 0.3008,
0.3251

170.5967, 0.3051,
0.3265

■ 31.1165, 0.2993,
0.3245

210.2488, 0.3056,
0.3267

■ 20.6876, 0.2974,
0.3239

255.6133, 0.3061,
0.3268

■ 12.8958, 0.2948,
0.3229

307.0745, 0.3064,
0.3270

■ 7.3568, 0.2911,
0.3216

365.0169, 0.3068,

■ 3.6863, 0.2857,

0.3271

0.3196

429.8247, 0.3071,
0.3272

■ 1.4996, 0.2764,
0.3161

■ 0.2885, 0.1929,
0.2903

■ 82.0702, 0.3030,
0.3258

■ 82.0702, 0.3030,
0.3258

■ 75.7649, 0.2877,
0.3203

■ 88.9952, 0.3185,
0.3308

■ 70.0459, 0.2729,
0.3143

■ 93.2162, 0.3228,
0.3355

■ 64.8923, 0.2589,
0.3078

■ 96.1987, 0.3224,
0.3401

■ 60.2777, 0.2460,
0.3010

■ 99.0142, 0.3220,
0.3444

■ 56.1736, 0.2345,
0.2938

■ 52.5482, 0.2248,
0.2865

■ 49.3658, 0.2170,
0.2790

■ 46.5845, 0.2111,
0.2715

■ 44.1526, 0.2071,
0.2641

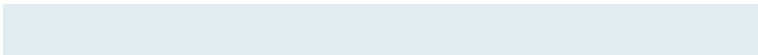
Harmonies

Analogous

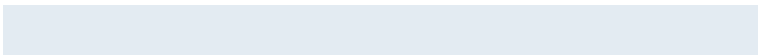
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0702, 0.3053, 0.3304



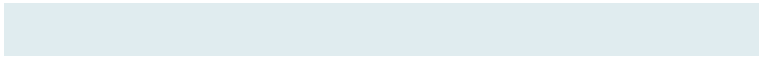
82.0702, 0.3030, 0.3258



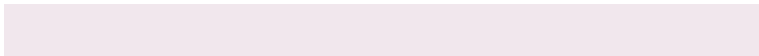
82.0702, 0.3032, 0.3221

Triad

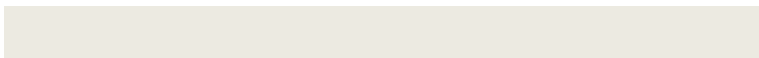
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0702, 0.3030, 0.3258



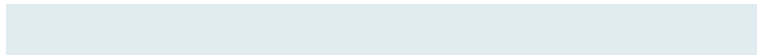
82.0702, 0.3157, 0.3235



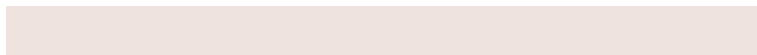
82.0702, 0.3195, 0.3378

Complementary

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



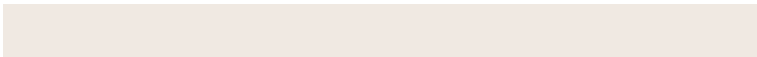
82.0702, 0.3030, 0.3258



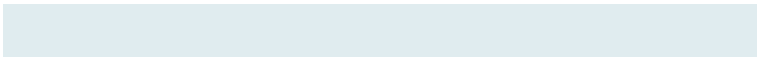
78.7193, 0.3231, 0.3322

Split Complementary

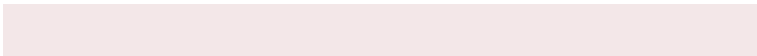
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0702, 0.3223, 0.3359



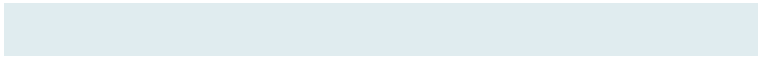
82.0702, 0.3030, 0.3258



82.0702, 0.3201, 0.3276

Square

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



82.0702, 0.3030, 0.3258



82.0702, 0.3106, 0.3208



82.0702, 0.3226, 0.3321



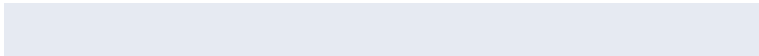
82.0702, 0.3148, 0.3374

Rectangle

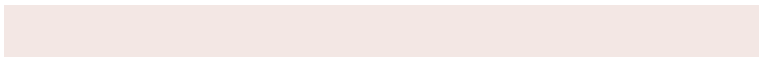
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



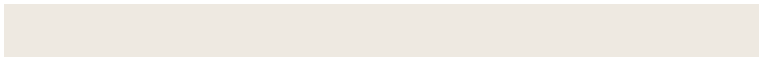
82.0702, 0.3030, 0.3258



82.0702, 0.3048, 0.3207



82.0702, 0.3226, 0.3321



82.0702, 0.3207, 0.3374

Sweetspot

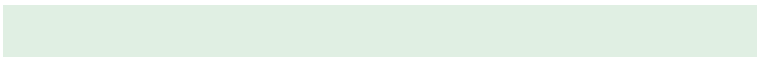
The Sweet Spot groups the original color and five complimentary colors.



82.0737, 0.3030, 0.3258



98.3874, 0.3096, 0.3280



83.1545, 0.3102, 0.3416



21.0759, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



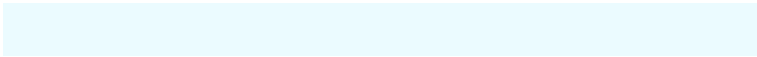
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0737, 0.3030, 0.3258



93.7231, 0.3003, 0.3249



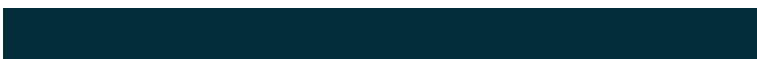
77.8669, 0.3031, 0.3180



17.3527, 0.2981, 0.3241



24.1155, 0.2063, 0.2626



2.1423, 0.2090, 0.2723

Inverse Universe

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



77.7409, 0.3154, 0.3168



87.4043, 0.3162, 0.3133



82.8913, 0.3224, 0.3398



15.9733, 0.3169, 0.3104



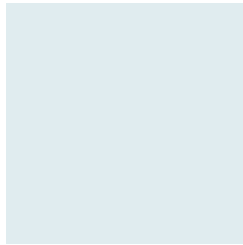
12.2278, 0.3799, 0.1867



1.0310, 0.3707, 0.1816

Previews

White Background



This preview shows how the Yxy color 82.0702, 0.3030, 0.3258 looks on a white background.

Color Contrast Check

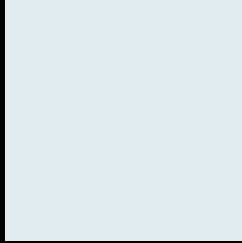
Large Text (above 18pt) WCAG AA × Fail

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 82.0702, 0.3030, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

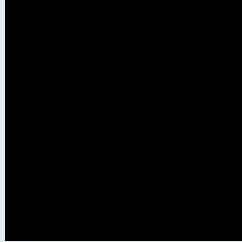
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

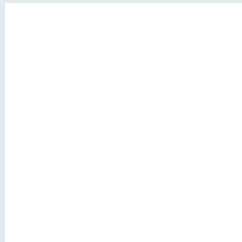
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0702, 0.3030, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 82.0702, 0.3030, 0.3258.

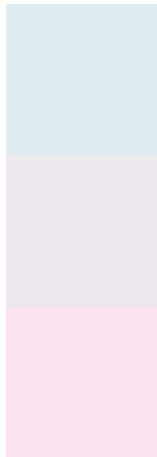


This preview shows how white text looks on a background with the Yxy color 82.0702, 0.3030, 0.3258.

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

82.0702, 0.3030, 0.3258

Protanopia

81.8322, 0.3130, 0.3239

Deuteranopia

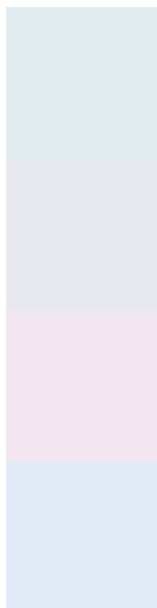
81.6262, 0.3217, 0.3142



Tritanopia

82.0427, 0.2966, 0.3105

Trichromacy



Original Color

82.0702, 0.3030, 0.3258

Protanomaly

81.6067, 0.3089, 0.3238

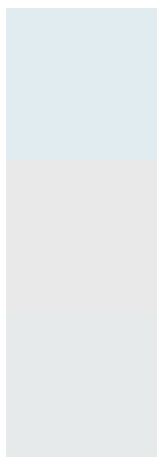
Deuteranomaly

81.7621, 0.3146, 0.3189

Tritanomaly

82.1396, 0.2989, 0.3166

Monochromacy



Original Color

82.0702, 0.3030, 0.3258

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6668, 0.3094, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0702, 0.3030, 0.3258 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(224, 236, 239)` looks like.

```
.text, #text, p{  
    color:rgb(224, 236, 239)  
}
```

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(224, 236, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 236, 239) }
```

Border

The CSS property to change the border of an element to Yxy 82.0702, 0.3030, 0.3258 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(224, 236, 239) }
```

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

```
.border{ border-color:rgb(224, 236, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 236, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 236, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 236, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 236,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0702, 0.3030, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 236, 239) }
```

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

```
.background{ background-color: rgb(224,  
236, 239) }
```

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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