

Converting Colors

Yxy(82.5068, 0.3025, 0.3131)

Have a look what the booklet for
Yxy(82.5068, 0.3025, 0.3131)
contains.

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Color

Yxy(82.2732, 0.3022, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	E8E9F9
RGB	232, 233, 249
RGB Percent	91%, 91%, 98%
CMY	0.0903, 0.0862, 0.0235
CMYK	0.07, 0.06, 0.00, 0.02
HSL	236°, 59%, 94%
HSV	236°, 7%, 98%
XYZ	79.5106, 82.2732, 101.3221
YIQ	234.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

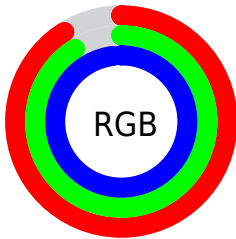
Format	Color
R _Y B	232, 233, 249
Decimal	15264249
CIE Lab	92.70, 2.61, -7.85
CIE LCh	93, 8.275, 288.360
Yxy	82.2732, 0.3022, 0.3127
Android (android.graphics.Color)	4293454329 (0xFFE8E9F9)
YUV	234.5250, 7.1362, -2.2144
Hunter-Lab	90.7046, -2.2620, -2.7370

Details

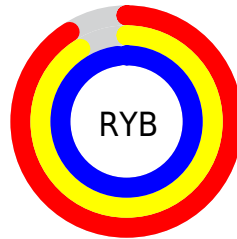
The Yxy color $82.2732, 0.3022, 0.3127$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93.0841, 0.3230, 0.3448$, and the grayscale version is $82.6458, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.5246, 0.2992, 0.3080$ is the 20% darker color. If you saturate the color by 10%, you get $66.0288, 0.2852, 0.2862$, and if you desaturate by 10%, it is $99.6204, 0.3162, 0.3347$.

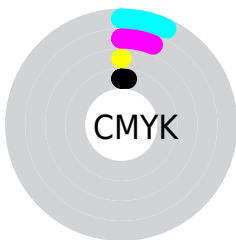
Distribution



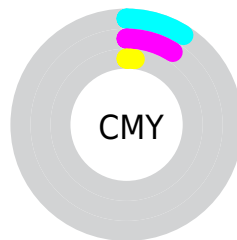
- Red (91%)
- Green (91%)
- Blue (98%)



- Red (91%)
- Yellow (91%)
- Blue (98%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2732, 0.3022, 0.3127 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 82.2732, 0.3022, 0.3127 by changing the saturation by 10% instead.

82.2732, 0.3022,
0.3127

82.2732, 0.3022,
0.3127

502.5611, 0.3070,
0.3200

61.5908, 0.3011,
0.3111

136.5571, 0.3038,
0.3152

44.7021, 0.2998,
0.3091

170.9273, 0.3045,
0.3162

31.2228, 0.2982,
0.3066

210.6288, 0.3050,
0.3170

20.7686, 0.2961,
0.3034

256.0462, 0.3055,
0.3178

12.9550, 0.2932,
0.2992

307.5637, 0.3059,
0.3185

7.3975, 0.2892,
0.2932

365.5657, 0.3063,

3.7119, 0.2832,

0.3190

0.2844

430.4367, 0.3067,
0.3196

■ 1.5138, 0.2730,
0.2698

■ 0.2984, 0.2285,
0.1964

■ 82.2732, 0.3022,
0.3127

■ 82.2732, 0.3022,
0.3127

■ 66.0288, 0.2852,
0.2862

■ 99.6204, 0.3162,
0.3347

■ 52.0317, 0.2664,
0.2564

■ 40.1862, 0.2460,
0.2240

■ 30.3854, 0.2249,
0.1899

■ 22.5135, 0.2041,
0.1559

■ 16.4429, 0.1851,
0.1241

■ 12.0308, 0.1694,
0.0971

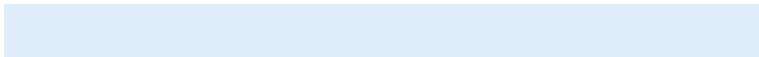
■ 9.1125, 0.1582,
0.0771

■ 7.4883, 0.1520,
0.0650

Harmonies

Analogous

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



82.2732, 0.2960, 0.3148



82.2732, 0.3022, 0.3127



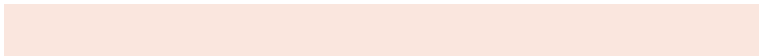
82.2732, 0.3113, 0.3149

Triad

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



82.2732, 0.3022, 0.3127



82.2732, 0.3315, 0.3368



82.2732, 0.3045, 0.3376

Complementary

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



82.2732, 0.3022, 0.3127



93.0841, 0.3230, 0.3448

Split Complementary

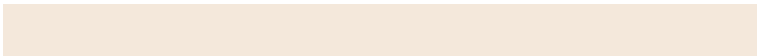
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2732, 0.3140, 0.3437



82.2732, 0.3022, 0.3127



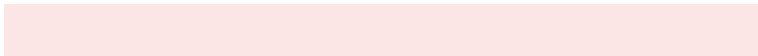
82.2732, 0.3296, 0.3431

Square

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



82.2732, 0.3022, 0.3127



82.2732, 0.3283, 0.3286



82.2732, 0.3232, 0.3457



82.2732, 0.2974, 0.3291

Rectangle

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



82.2732, 0.3022, 0.3127



82.2732, 0.3178, 0.3184



82.2732, 0.3232, 0.3457



82.2732, 0.3075, 0.3400

Sweetspot

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



82.2767, 0.3022, 0.3127



96.0285, 0.3097, 0.3244



91.6805, 0.3027, 0.3301



20.5957, 0.3099, 0.3246



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.



82.2767, 0.3022, 0.3127



84.7172, 0.3003, 0.3098



82.9501, 0.3071, 0.3119



16.8133, 0.2979, 0.3060



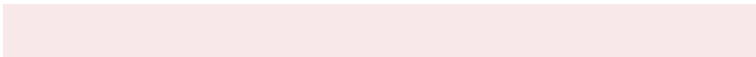
3.9130, 0.1510, 0.0637



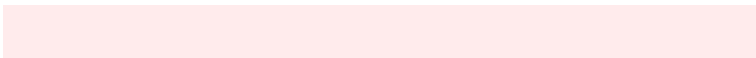
0.4203, 0.1535, 0.0726

Inverse Universe

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



83.7231, 0.3237, 0.3280



86.4951, 0.3258, 0.3278



92.3959, 0.3181, 0.3460



17.2424, 0.3284, 0.3276



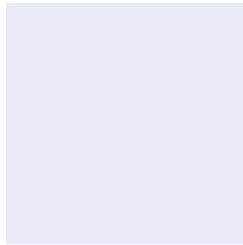
10.8059, 0.6338, 0.3265



1.0067, 0.6189, 0.3183

Previews

White Background



This preview shows how the Yxy color 82.2732, 0.3022, 0.3127 looks on a white background.

Color Contrast Check

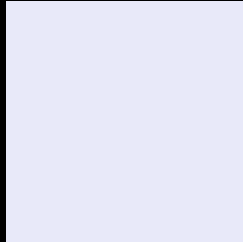
Large Text (above 18pt) WCAG AA × Fail

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 82.2732, 0.3022, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

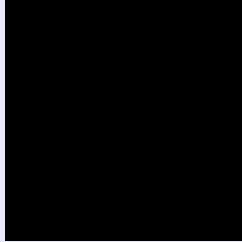
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.2732, 0.3022, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 82.2732, 0.3022, 0.3127.



This preview shows how white text looks on a background with the Yxy color 82.2732, 0.3022, 0.3127.

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

82.2732, 0.3022, 0.3127

Protanopia

82.0452, 0.3035, 0.3117

Deuteranopia

81.9800, 0.3131, 0.3063



Tritanopia

82.3987, 0.3010, 0.3107

Trichromacy



Original Color

82.2732, 0.3022, 0.3127

Protanomaly

81.8764, 0.3029, 0.3117

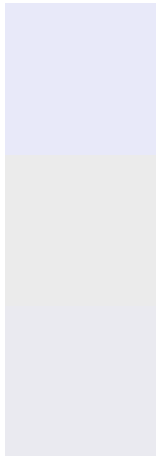
Deuteranomaly

81.9954, 0.3090, 0.3081

Tritanomaly

82.3358, 0.3016, 0.3117

Monochromacy



Original Color

82.2732, 0.3022, 0.3127

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.6293, 0.3090, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2732, 0.3022, 0.3127 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(232, 233, 249)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 249)  
}
```

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(232, 233, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 249) }
```

Border

The CSS property to change the border of an element to Yxy 82.2732, 0.3022, 0.3127 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(232, 233, 249) }
```

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

```
.border{ border-color:rgb(232, 233, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 249);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2732, 0.3022, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 249) }
```

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

```
.background{ background-color: rgb(232,  
233, 249) }
```

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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