

Converting Colors

Yxy(67.2815, 0.3141, 0.3148)

Have a look what the booklet for
Yxy(67.2815, 0.3141, 0.3148)
contains.

Yxy(67.2682, 0.3141, 0.3149)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.2682, 0.3141, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	E0D2DF
RGB	224, 210, 223
RGB Percent	88%, 82%, 87%
CMY	0.1217, 0.1764, 0.1255
CMYK	0.00, 0.06, 0.00, 0.12
HSL	304°, 18%, 85%
HSV	304°, 6%, 88%
XYZ	67.0973, 67.2682, 79.2522
YIQ	215.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

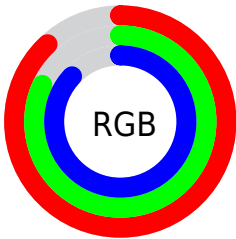
Format	Color
R _Y B	224, 210, 223
Decimal	14734047
CIE Lab	85.64, 7.10, -4.67
CIE LCh	86, 8.499, 326.699
Yxy	67.2682, 0.3141, 0.3149
Android (android.graphics.Color)	4292924127 (0xFFE0D2DF)
YUV	215.6680, 3.6147, 7.3072
Hunter-Lab	82.0172, 2.4987, 0.1209

Details

The Yxy color **67.2682, 0.3141, 0.3149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7007, 0.3114, 0.3435**, and the grayscale version is **68.4034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0391, 0.3145, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **56.8897, 0.3165, 0.2917**, and if you desaturate by 10%, it is **79.2009, 0.3119, 0.3373**.

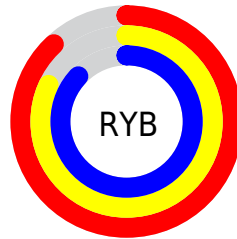
Distribution



Red (88%)

Green (82%)

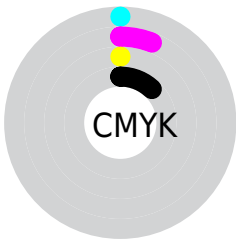
Blue (87%)



Red (88%)

Yellow (82%)

Blue (87%)

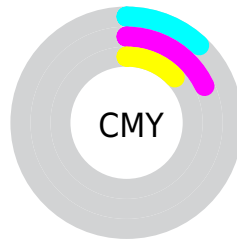


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2682, 0.3141, 0.3149 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 67.2682, 0.3141, 0.3149 by changing the saturation by 10% instead.

67.2682, 0.3141,
0.3149

67.2682, 0.3141,
0.3149

450.8988, 0.3135,
0.3215

49.3026, 0.3142,
0.3134

115.3046, 0.3139,
0.3172

34.8596, 0.3144,
0.3115

146.1443, 0.3138,
0.3181

23.5547, 0.3146,
0.3092

182.0440, 0.3137,
0.3188

15.0037, 0.3149,
0.3061

223.3884, 0.3137,
0.3195

8.8220, 0.3152,
0.3018

270.5616, 0.3136,
0.3201

4.6252, 0.3156,
0.2956

323.9482, 0.3136,

2.0291, 0.3163,

0.3206

0.2857

383.9324, 0.3135,
0.3210

0.6243, 0.3198,
0.2604

0.0000, 0.0000,
0.0000

67.2682, 0.3141,
0.3149

67.2682, 0.3141,
0.3149

56.8897, 0.3165,
0.2917

79.2009, 0.3119,
0.3373

47.9929, 0.3192,
0.2681

92.7394, 0.3100,
0.3586

40.5122, 0.3220,
0.2451

92.9465, 0.3091,
0.3571

34.3740, 0.3250,
0.2235

93.0338, 0.3082,
0.3555

■ 29.4979, 0.3280,
0.2042

■ 93.1219, 0.3073,
0.3538

■ 25.7949, 0.3310,
0.1882

■ 93.2108, 0.3065,
0.3522

■ 23.1646, 0.3338,
0.1761

■ 93.3005, 0.3056,
0.3505

■ 21.4895, 0.3364,
0.1685

■ 93.3910, 0.3047,
0.3489

■ 20.6230, 0.3387,
0.1651

■ 93.4823, 0.3038,
0.3473

Harmonies

Analogous

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



67.2682, 0.3037, 0.3113



67.2682, 0.3141, 0.3149



67.2682, 0.3243, 0.3221

Triad

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



67.2682, 0.3141, 0.3149



67.2682, 0.3298, 0.3458



67.2682, 0.2944, 0.3264

Complementary

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



67.2682, 0.3141, 0.3149



71.7007, 0.3114, 0.3435

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.



67.2682, 0.3012, 0.3360



67.2682, 0.3141, 0.3149



67.2682, 0.3216, 0.3473

Square

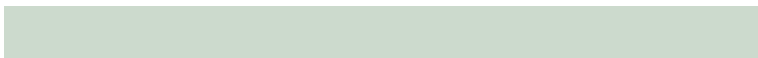
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2682, 0.3141, 0.3149



67.2682, 0.3334, 0.3398



67.2682, 0.3111, 0.3437



67.2682, 0.2925, 0.3178

Rectangle

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



67.2682, 0.3141, 0.3149



67.2682, 0.3295, 0.3280



67.2682, 0.3111, 0.3437



67.2682, 0.2962, 0.3297

Sweetspot

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



67.2711, 0.3141, 0.3149



96.7661, 0.3132, 0.3245



65.3230, 0.3039, 0.3134



20.7458, 0.3131, 0.3247



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.



67.2711, 0.3141, 0.3149



89.0551, 0.3143, 0.3130



66.9050, 0.3189, 0.3224



14.3633, 0.3144, 0.3119



11.8914, 0.3392, 0.1642



0.8293, 0.3361, 0.1625

Inverse Universe

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



67.2711, 0.3141, 0.3149



89.0551, 0.3143, 0.3130



72.0558, 0.3069, 0.3357



14.3633, 0.3144, 0.3119



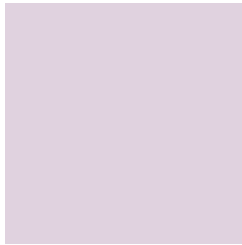
11.8914, 0.3392, 0.1642



0.8293, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 67.2682, 0.3141, 0.3149 looks on a white background.

Color Contrast Check

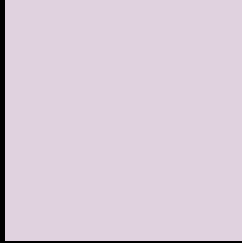
Large Text (above 18pt) WCAG AA × Fail

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 67.2682, 0.3141, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

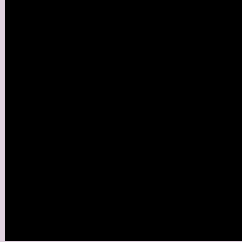
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

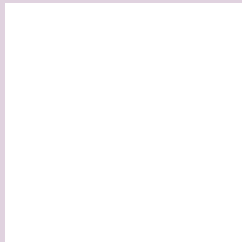
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2682, 0.3141, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 67.2682, 0.3141, 0.3149.

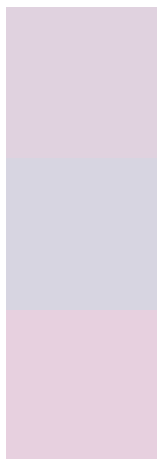


This preview shows how white text looks on a background with the Yxy color 67.2682, 0.3141, 0.3149.

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

67.2682, 0.3141, 0.3149

Protanopia

67.4718, 0.3061, 0.3157

Deuteranopia

67.4284, 0.3195, 0.3130



Tritanopia

67.4315, 0.3121, 0.3117

Trichromacy



Original Color

67.2682, 0.3141, 0.3149

Protanomaly

67.3742, 0.3090, 0.3158

Deuteranomaly

67.4226, 0.3171, 0.3139

Tritanomaly

67.3767, 0.3127, 0.3127

Monochromacy



Original Color

67.2682, 0.3141, 0.3149

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.2677, 0.3130, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2682, 0.3141, 0.3149 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, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 210, 223)  
}
```

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, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.2682, 0.3141, 0.3149 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, 210, 223) }
```

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

```
.border{ border-color:rgb(224, 210, 223) }
```

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

Here you see how a box with a 4 pixel rgb(224, 210, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2682, 0.3141, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 223) }
```

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

```
.background{ background-color: rgb(224,  
210, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor