

Converting Colors

Yxy(64.2646, 0.3141, 0.3157)

Have a look what the booklet for
Yxy(64.2646, 0.3141, 0.3157)
contains.

Yxy(64.2646, 0.3141, 0.3157)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.2646, 0.3141, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	DBCEDA
RGB	219, 206, 218
RGB Percent	86%, 81%, 85%
CMY	0.1412, 0.1921, 0.1451
CMYK	0.00, 0.06, 0.00, 0.14
HSL	305°, 15%, 83%
HSV	305°, 6%, 86%
XYZ	63.9389, 64.2646, 75.3587
YIQ	211.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

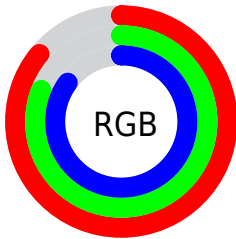
Format	Color
R _Y B	219, 206, 218
Decimal	14405338
CIE Lab	84.10, 6.63, -4.32
CIE LCh	84, 7.909, 326.902
Yxy	64.2646, 0.3141, 0.3157
Android (android.graphics.Color)	4292595418 (0xFFDBCEDA)
YUV	211.2550, 3.3253, 6.7924
Hunter-Lab	80.1652, 2.0806, 0.3805

Details

The Yxy color **64.2646, 0.3141, 0.3157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2924, 0.3114, 0.3427**, and the grayscale version is **65.2958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9933, 0.3145, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **54.3583, 0.3166, 0.2927**, and if you desaturate by 10%, it is **75.6465, 0.3118, 0.3379**.

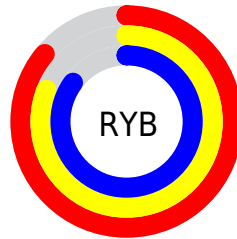
Distribution



Red (86%)

Green (81%)

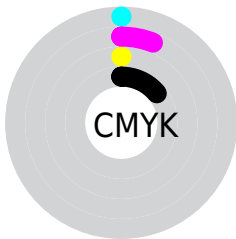
Blue (85%)



Red (86%)

Yellow (81%)

Blue (85%)

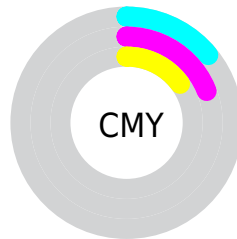


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2646, 0.3141, 0.3157 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 64.2646, 0.3141, 0.3157 by changing the saturation by 10% instead.

■ 64.2646, 0.3141,
0.3157

■ 64.2646, 0.3141,
0.3157

440.1445, 0.3135,
0.3219

■ 46.8650, 0.3142,
0.3143

110.9919, 0.3139,
0.3179

■ 32.9290, 0.3144,
0.3125

141.0884, 0.3138,
0.3187

■ 22.0720, 0.3146,
0.3102

176.1861, 0.3137,
0.3194

■ 13.9098, 0.3149,
0.3071

216.6692, 0.3137,
0.3201

■ 8.0580, 0.3152,
0.3029

262.9222, 0.3136,
0.3206

■ 4.1321, 0.3157,
0.2967

315.3295, 0.3136,

■ 1.7477, 0.3165,

0.3211

0.2867

374.2755, 0.3135,
0.3216

0.4543, 0.3218,
0.2463

0.0000, 0.0000,
0.0000

64.2646, 0.3141,
0.3157

64.2646, 0.3141,
0.3157

54.3583, 0.3166,
0.2927

75.6465, 0.3118,
0.3379

45.8590, 0.3194,
0.2694

88.5525, 0.3098,
0.3589

38.7047, 0.3225,
0.2465

91.9130, 0.3086,
0.3623

32.8259, 0.3256,
0.2249

92.0051, 0.3077,
0.3605

■ 28.1467, 0.3289,
0.2057

■ 92.0982, 0.3067,
0.3586

■ 24.5833, 0.3321,
0.1896

■ 92.1922, 0.3058,
0.3568

■ 22.0408, 0.3352,
0.1775

■ 92.2872, 0.3048,
0.3550

■ 20.4091, 0.3381,
0.1697

■ 92.3831, 0.3039,
0.3532

■ 19.5513, 0.3407,
0.1663

■ 92.4799, 0.3029,
0.3514

Harmonies

Analogous

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



64.2646, 0.3043, 0.3123



64.2646, 0.3141, 0.3157



64.2646, 0.3237, 0.3225

Triad

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



64.2646, 0.3141, 0.3157



64.2646, 0.3288, 0.3449



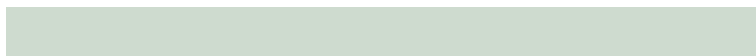
64.2646, 0.2954, 0.3265

Complementary

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



64.2646, 0.3141, 0.3157



68.2924, 0.3114, 0.3427

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.



64.2646, 0.3018, 0.3356



64.2646, 0.3141, 0.3157



64.2646, 0.3210, 0.3463

Square

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



64.2646, 0.3141, 0.3157



64.2646, 0.3322, 0.3393



64.2646, 0.3111, 0.3429



64.2646, 0.2936, 0.3183

Rectangle

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



64.2646, 0.3141, 0.3157



64.2646, 0.3286, 0.3282



64.2646, 0.3111, 0.3429



64.2646, 0.2971, 0.3296

Sweetspot

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



64.2674, 0.3141, 0.3157



96.7636, 0.3132, 0.3245



62.5069, 0.3044, 0.3142



20.7453, 0.3132, 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.



64.2674, 0.3141, 0.3157



89.0464, 0.3144, 0.3131



63.9409, 0.3186, 0.3227



13.6797, 0.3145, 0.3120



11.4661, 0.3413, 0.1654



0.7481, 0.3376, 0.1634

Inverse Universe

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



64.2674, 0.3141, 0.3157



89.0464, 0.3144, 0.3131



68.6096, 0.3072, 0.3354



13.6797, 0.3145, 0.3120



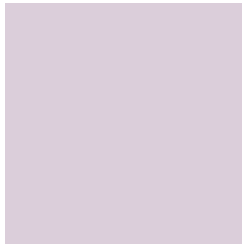
11.4661, 0.3413, 0.1654



0.7481, 0.3376, 0.1634

Previews

White Background



This preview shows how the Yxy color 64.2646, 0.3141, 0.3157 looks on a white background.

Color Contrast Check

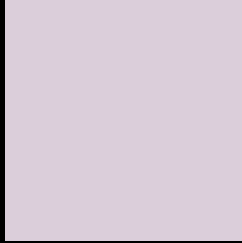
Large Text (above 18pt) WCAG AA × Fail

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 64.2646, 0.3141, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

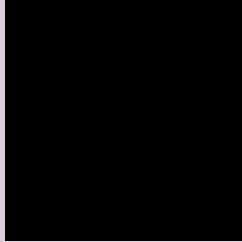
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

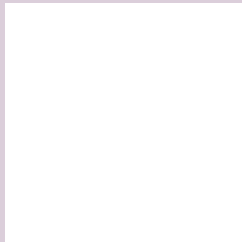
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2646, 0.3141, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 64.2646, 0.3141, 0.3157.

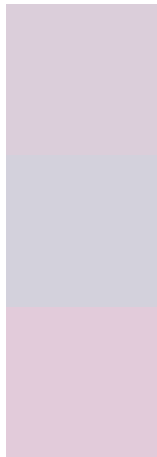


This preview shows how white text looks on a background with the Yxy color 64.2646, 0.3141, 0.3157.

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

64.2646, 0.3141, 0.3157

Protanopia

64.6171, 0.3067, 0.3166

Deuteranopia

63.9426, 0.3196, 0.3126



Tritanopia

64.1522, 0.3121, 0.3103

Trichromacy



Original Color

64.2646, 0.3141, 0.3157

Protanomaly

64.5224, 0.3096, 0.3167

Deuteranomaly

63.9357, 0.3172, 0.3136

Tritanomaly

64.0987, 0.3128, 0.3113

Monochromacy



Original Color

64.2646, 0.3141, 0.3157

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7521, 0.3130, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2646, 0.3141, 0.3157 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(219, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 206, 218)  
}
```

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(219, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 206, 218) }
```

Border

The CSS property to change the border of an element to Yxy 64.2646, 0.3141, 0.3157 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(219, 206, 218) }
```

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

```
.border{ border-color:rgb(219, 206, 218) }
```

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

Here you see how a box with a 4 pixel rgb(219, 206, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 206,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2646, 0.3141, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 206, 218) }
```

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

```
.background{ background-color: rgb(219,  
206, 218) }
```

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