

Converting Colors

Yxy(67.8277, 0.3142, 0.3156)

Have a look what the booklet for
Yxy(67.8277, 0.3142, 0.3156)
contains.

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Color

Yxy(67.7635, 0.3141, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	E0D3DF
RGB	224, 211, 223
RGB Percent	88%, 83%, 87%
CMY	0.1215, 0.1725, 0.1256
CMYK	0.00, 0.06, 0.00, 0.12
HSL	305°, 17%, 85%
HSV	305°, 6%, 88%
XYZ	67.3561, 67.7635, 79.3219
YIQ	216.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

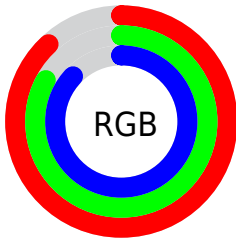
Format	Color
RYB	224, 211, 223
Decimal	14734303
CIELab	85.89, 6.60, -4.29
CIElCh	86, 7.874, 326.985
Yxy	67.7635, 0.3141, 0.3160
Android (android.graphics.Color)	4292924383 (0xFFE0D3DF)
YUV	216.2550, 3.3253, 6.7924
Hunter-Lab	82.3186, 1.9977, 0.4914

Details

The Yxy color $67.7635, 0.3141, 0.3160$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.9291, 0.3114, 0.3424$, and the grayscale version is $68.8297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.3761, 0.3144, 0.3134$ is the 20% darker color. If you saturate the color by 10%, you get $57.3032, 0.3167, 0.2930$, and if you desaturate by 10%, it is $79.7818, 0.3118, 0.3381$.

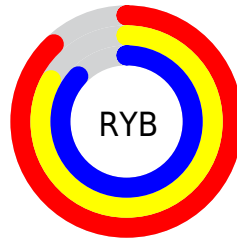
Distribution



Red (88%)

Green (83%)

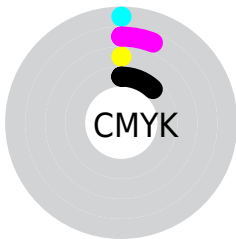
Blue (87%)



Red (88%)

Yellow (83%)

Blue (87%)

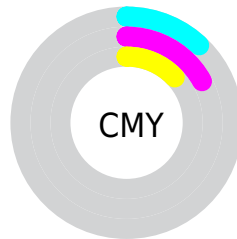


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7635, 0.3141, 0.3160 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 67.7635, 0.3141, 0.3160 by changing the saturation by 10% instead.

67.7635, 0.3141,
0.3160

67.7635, 0.3141,
0.3160

452.6576, 0.3135,
0.3220

49.7054, 0.3142,
0.3146

116.0137, 0.3139,
0.3181

35.1793, 0.3144,
0.3129

146.9746, 0.3138,
0.3189

23.8011, 0.3146,
0.3107

183.0052, 0.3137,
0.3196

15.1861, 0.3149,
0.3079

224.4899, 0.3137,
0.3202

8.9501, 0.3152,
0.3039

271.8131, 0.3136,
0.3208

4.7087, 0.3157,
0.2982

325.3592, 0.3136,

2.0774, 0.3164,

0.3212

0.2892

385.5126, 0.3135,
0.3217

0.6518, 0.3196,
0.2668

0.0000, 0.0000,
0.0000

67.7635, 0.3141,
0.3160

67.7635, 0.3141,
0.3160

57.3032, 0.3167,
0.2930

79.7818, 0.3118,
0.3381

48.3285, 0.3196,
0.2698

92.8943, 0.3098,
0.3583

40.7739, 0.3227,
0.2469

92.9943, 0.3087,
0.3564

34.5660, 0.3259,
0.2253

93.0954, 0.3077,
0.3545

■ 29.6248, 0.3293,
0.2061

■ 93.1976, 0.3067,
0.3526

■ 25.8615, 0.3326,
0.1900

■ 93.3008, 0.3057,
0.3507

■ 23.1762, 0.3358,
0.1779

■ 93.4050, 0.3047,
0.3488

■ 21.4522, 0.3388,
0.1702

■ 93.5103, 0.3037,
0.3469

■ 20.5458, 0.3415,
0.1667

■ 93.6167, 0.3027,
0.3450

Harmonies

Analogous

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



67.7635, 0.3045, 0.3127



67.7635, 0.3141, 0.3160



67.7635, 0.3235, 0.3227

Triad

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



67.7635, 0.3141, 0.3160



67.7635, 0.3284, 0.3446



67.7635, 0.2957, 0.3266

Complementary

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



67.7635, 0.3141, 0.3160



71.9291, 0.3114, 0.3424

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.



67.7635, 0.3020, 0.3354



67.7635, 0.3141, 0.3160



67.7635, 0.3208, 0.3459

Square

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



67.7635, 0.3141, 0.3160



67.7635, 0.3318, 0.3391



67.7635, 0.3111, 0.3426



67.7635, 0.2940, 0.3186

Rectangle

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



67.7635, 0.3141, 0.3160



67.7635, 0.3283, 0.3282



67.7635, 0.3111, 0.3426



67.7635, 0.2974, 0.3295

Sweetspot

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



67.7664, 0.3141, 0.3160



96.7626, 0.3132, 0.3245



65.9498, 0.3045, 0.3145



20.7451, 0.3132, 0.3248



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.



67.7664, 0.3141, 0.3160



89.0429, 0.3144, 0.3132



67.4314, 0.3185, 0.3228



14.3612, 0.3145, 0.3120



11.8245, 0.3422, 0.1659



0.8253, 0.3385, 0.1639

Inverse Universe

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



67.7664, 0.3141, 0.3160



89.0429, 0.3144, 0.3132



72.2549, 0.3073, 0.3352



14.3612, 0.3145, 0.3120



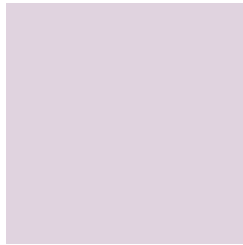
11.8245, 0.3422, 0.1659



0.8253, 0.3385, 0.1639

Previews

White Background



This preview shows how the Yxy color 67.7635, 0.3141, 0.3160 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 67.7635, 0.3141, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

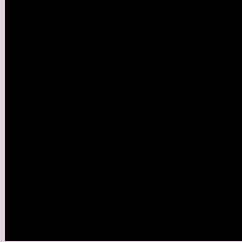
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

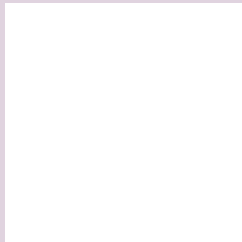
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7635, 0.3141, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 67.7635, 0.3141, 0.3160.

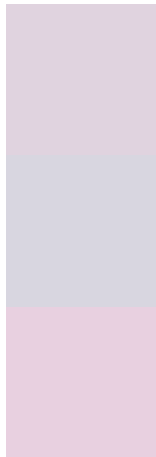


This preview shows how white text looks on a background with the Yxy color 67.7635, 0.3141, 0.3160.

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

67.7635, 0.3141, 0.3160

Protanopia

68.0739, 0.3074, 0.3180

Deuteranopia

67.6494, 0.3195, 0.3119



Tritanopia

67.6468, 0.3121, 0.3107

Trichromacy



Original Color

67.7635, 0.3141, 0.3160

Protanomaly

68.0304, 0.3096, 0.3169

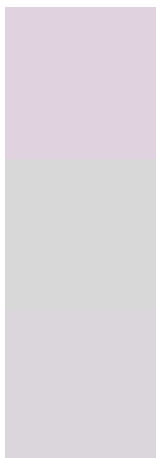
Deuteranomaly

67.6408, 0.3172, 0.3129

Tritanomaly

67.5917, 0.3128, 0.3117

Monochromacy



Original Color

67.7635, 0.3141, 0.3160

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 67.7635, 0.3141, 0.3160 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, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 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, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.7635, 0.3141, 0.3160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

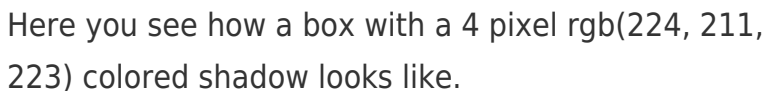
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 211, 223) }
```

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

```
.border{ border-color:rgb(224, 211, 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, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 211, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 211, 223); box-shadow:4px 4px 4px 4px rgb(224, 211, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7635, 0.3141, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 223) }
```

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

```
.background{ background-color: rgb(224,  
211, 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](#).

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