

Converting Colors

Yxy(64.9918, 0.3174, 0.3149)

Have a look what the booklet for
Yxy(64.9918, 0.3174, 0.3149)
contains.

Yxy(65.1044, 0.3172, 0.3148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.1044, 0.3172, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEDB
RGB	224, 206, 219
RGB Percent	88%, 81%, 86%
CMY	0.1215, 0.1922, 0.1413
CMYK	0.00, 0.08, 0.02, 0.12
HSL	317°, 23%, 84%
HSV	317°, 8%, 88%
XYZ	65.6007, 65.1044, 76.1068
YIQ	212.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

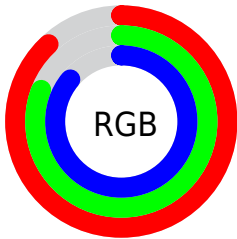
Format	Color
R _Y B	224, 206, 219
Decimal	14733019
CIE Lab	84.54, 8.52, -4.15
CIE LCh	85, 9.476, 334.003
Yxy	65.1044, 0.3172, 0.3148
Android (android.graphics.Color)	4292923099 (0xFFE0CEDB)
YUV	212.8640, 3.0250, 9.7663
Hunter-Lab	80.6873, 3.9221, 0.5569

Details

The Yxy color $65.1044, 0.3172, 0.3148$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.1533, 0.3085, 0.3436$, and the grayscale version is $66.4227, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.5718, 0.3185, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $54.7539, 0.3237, 0.2965$, and if you desaturate by 10%, it is $77.0103, 0.3117, 0.3324$.

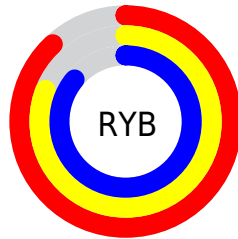
Distribution



Red (88%)

Green (81%)

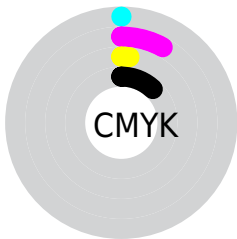
Blue (86%)



Red (88%)

Yellow (81%)

Blue (86%)

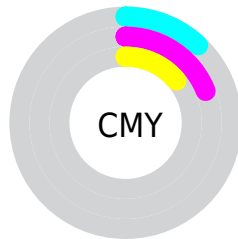


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1044, 0.3172, 0.3148 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 65.1044, 0.3172, 0.3148 by changing the saturation by 10% instead.

65.1044, 0.3172,
0.3148

65.1044, 0.3172,
0.3148

443.1670, 0.3151,
0.3214

47.5457, 0.3177,
0.3133

112.1999, 0.3165,
0.3171

33.4673, 0.3183,
0.3114

142.5056, 0.3162,
0.3180

22.4847, 0.3190,
0.3089

177.8291, 0.3160,
0.3188

14.2135, 0.3200,
0.3057

218.5547, 0.3157,
0.3195

8.2693, 0.3213,
0.3013

265.0669, 0.3156,
0.3200

4.2677, 0.3233,
0.2949

317.7501, 0.3154,

1.8244, 0.3264,

0.3206

0.2845

376.9887, 0.3153,
0.3210

0.5023, 0.3384,
0.2481

0.0000, 0.0000,
0.0000

65.1044, 0.3172,
0.3148

65.1044, 0.3172,
0.3148

54.7539, 0.3237,
0.2965

77.0103, 0.3117,
0.3324

45.8856, 0.3312,
0.2777

90.5242, 0.3071,
0.3489

38.4328, 0.3398,
0.2591

93.5338, 0.3035,
0.3465

32.3205, 0.3495,
0.2416

93.9091, 0.3000,
0.3400

■ 27.4668, 0.3601,
0.2259

■ 94.2974, 0.2966,
0.3336

■ 23.7806, 0.3715,
0.2133

■ 94.5916, 0.2941,
0.3289

■ 21.1587, 0.3832,
0.2048

■ 19.4795, 0.3950,
0.2010

■ 18.5710, 0.4064,
0.2020

Harmonies

Analogous

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



65.1044, 0.3052, 0.3096



65.1044, 0.3172, 0.3148



65.1044, 0.3281, 0.3236

Triad

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



65.1044, 0.3172, 0.3148



65.1044, 0.3301, 0.3489



65.1044, 0.2910, 0.3235

Complementary

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



65.1044, 0.3172, 0.3148



71.1533, 0.3085, 0.3436

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.



65.1044, 0.2974, 0.3343



65.1044, 0.3172, 0.3148



65.1044, 0.3199, 0.3492

Square

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



65.1044, 0.3172, 0.3148



65.1044, 0.3356, 0.3432



65.1044, 0.3080, 0.3439



65.1044, 0.2903, 0.3144

Rectangle

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



65.1044, 0.3172, 0.3148



65.1044, 0.3333, 0.3304



65.1044, 0.3080, 0.3439



65.1044, 0.2926, 0.3270

Sweetspot

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



65.1072, 0.3172, 0.3148



96.6973, 0.3138, 0.3255



63.3463, 0.3038, 0.3088



20.7318, 0.3137, 0.3257



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.



65.1072, 0.3172, 0.3148



84.3438, 0.3184, 0.3111



64.6576, 0.3235, 0.3244



13.8667, 0.3180, 0.3123



10.7467, 0.4069, 0.2015



0.7599, 0.3906, 0.1925

Inverse Universe

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



65.1072, 0.3172, 0.3148



84.3438, 0.3184, 0.3111



71.6053, 0.3029, 0.3337



13.8667, 0.3180, 0.3123



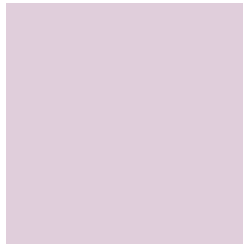
10.7467, 0.4069, 0.2015



0.7599, 0.3906, 0.1925

Previews

White Background



This preview shows how the Yxy color 65.1044, 0.3172, 0.3148 looks on a white background.

Color Contrast Check

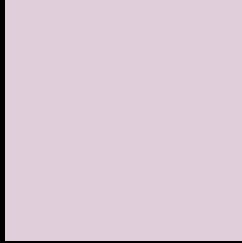
Large Text (above 18pt) WCAG AA × Fail

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 65.1044, 0.3172, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

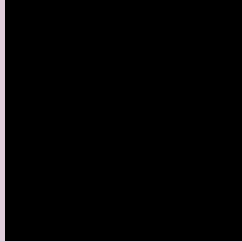
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

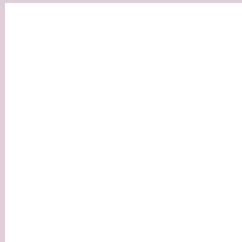
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1044, 0.3172, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 65.1044, 0.3172, 0.3148.



This preview shows how white text looks on a background with the Yxy color 65.1044, 0.3172, 0.3148.

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

65.1044, 0.3172, 0.3148

Protanopia

65.3107, 0.3067, 0.3167

Deuteranopia

65.2711, 0.3203, 0.3138



Tritanopia

65.2638, 0.3150, 0.3115

Trichromacy



Original Color

65.1044, 0.3172, 0.3148

Protanomaly

65.3672, 0.3103, 0.3168

Deuteranomaly

65.1080, 0.3195, 0.3138

Tritanomaly

65.2104, 0.3157, 0.3126

Monochromacy



Original Color

65.1044, 0.3172, 0.3148

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7512, 0.3145, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1044, 0.3172, 0.3148 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, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 219)  
}
```

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, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.1044, 0.3172, 0.3148 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, 206, 219) }
```

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

```
.border{ border-color:rgb(224, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 206, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 206, 219); box-shadow:4px 4px 4px 4px rgb(224, 206, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1044, 0.3172, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 219) }
```

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

```
.background{ background-color: rgb(224,  
206, 219) }
```

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