

Converting Colors

$Y_{xy}(64.0935, 0.3217, 0.3200)$

Have a look what the booklet for
Yxy(64.0935, 0.3217, 0.3200)
contains.

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Color

Yxy(64.3140, 0.3215, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	E0CDD5
RGB	224, 205, 213
RGB Percent	88%, 80%, 84%
CMY	0.1217, 0.1960, 0.1647
CMYK	0.00, 0.08, 0.05, 0.12
HSL	335°, 23%, 84%
HSV	335°, 8%, 88%
XYZ	64.5751, 64.3140, 71.9666
YIQ	211.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

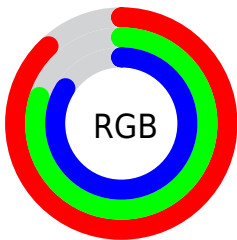
Format	Color
R _Y B	224, 205, 213
Decimal	14732757
CIE Lab	84.13, 7.96, -1.58
CIE LCh	84, 8.119, 348.782
Yxy	64.3140, 0.3215, 0.3202
Android (android.graphics.Color)	4292922837 (0xFFE0CDD5)
YUV	211.5930, 0.6937, 10.8809
Hunter-Lab	80.1960, 3.3880, 2.9313

Details

The Yxy color **64.3140, 0.3215, 0.3202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2318, 0.3047, 0.3380**, and the grayscale version is **65.5446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0369, 0.3244, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **53.7250, 0.3339, 0.3092**, and if you desaturate by 10%, it is **76.4949, 0.3113, 0.3305**.

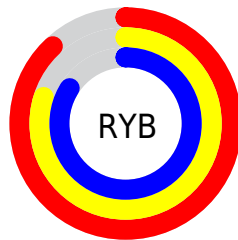
Distribution



Red (88%)

Green (80%)

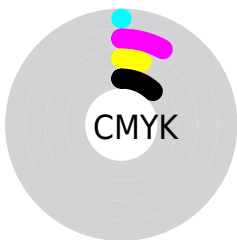
Blue (84%)



Red (88%)

Yellow (80%)

Blue (84%)

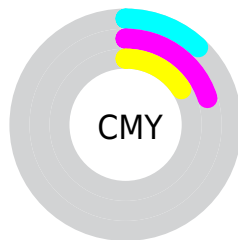


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (12%)



Cyan (12%)


Magenta (20%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3140, 0.3215, 0.3202 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 64.3140, 0.3215, 0.3202 by changing the saturation by 10% instead.

 64.3140, 0.3215,
0.3202

 64.3140, 0.3215,
0.3202

440.3227, 0.3174,
0.3243

 46.9050, 0.3225,
0.3192

111.0630, 0.3200,
0.3217

 32.9606, 0.3237,
0.3180


141.1719, 0.3195,
0.3222

 22.0963, 0.3252,
0.3165


176.2828, 0.3190,
0.3227

 13.9276, 0.3273,
0.3144

216.7802, 0.3186,
0.3231

 8.0704, 0.3301,
0.3116

263.0486, 0.3182,
0.3235

 4.1400, 0.3344,
0.3074

315.4721, 0.3179,

 1.7522, 0.3415,

0.3238

0.3005

374.4354, 0.3176,
0.3241

0.4571, 0.3712,
0.2698

0.0000, 0.0000,
0.0000

64.3140, 0.3215,
0.3202

64.3140, 0.3215,
0.3202

53.7250, 0.3339,
0.3092

76.4949, 0.3113,
0.3305

44.6534, 0.3490,
0.2979

90.3214, 0.3029,
0.3402

37.0312, 0.3671,
0.2865

94.3814, 0.2957,
0.3321

30.7822, 0.3885,
0.2758

94.5821, 0.2940,
0.3289

■ 25.8228, 0.4132,
0.2667

■ 22.0604, 0.4408,
0.2603

■ 19.3897, 0.4703,
0.2581

■ 17.6869, 0.4998,
0.2610

■ 16.7700, 0.5277,
0.2690

Harmonies

Analogous

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



64.3140, 0.3113, 0.3140



64.3140, 0.3215, 0.3202



64.3140, 0.3294, 0.3287

Triad

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



64.3140, 0.3215, 0.3202



64.3140, 0.3237, 0.3469



64.3140, 0.2931, 0.3201

Complementary

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



64.3140, 0.3215, 0.3202



71.2318, 0.3047, 0.3380

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.



64.3140, 0.2963, 0.3290



64.3140, 0.3215, 0.3202



64.3140, 0.3139, 0.3447

Square

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



64.3140, 0.3215, 0.3202



64.3140, 0.3307, 0.3441



64.3140, 0.3039, 0.3381



64.3140, 0.2950, 0.3138

Rectangle

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



64.3140, 0.3215, 0.3202



64.3140, 0.3323, 0.3346



64.3140, 0.3039, 0.3381



64.3140, 0.2936, 0.3229

Sweetspot

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



64.3168, 0.3215, 0.3202



94.9342, 0.3157, 0.3259



63.6118, 0.3076, 0.3079



20.0372, 0.3165, 0.3251



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.



64.3168, 0.3215, 0.3202



83.8822, 0.3233, 0.3185



64.5278, 0.3272, 0.3304



13.7960, 0.3226, 0.3192



9.7216, 0.5280, 0.2682



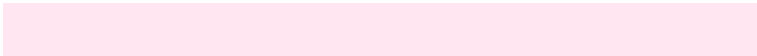
0.6915, 0.4885, 0.2465

Inverse Universe

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



64.3168, 0.3215, 0.3202



83.8822, 0.3233, 0.3185



70.9788, 0.2997, 0.3276



13.7960, 0.3226, 0.3192



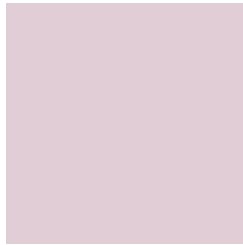
9.7216, 0.5280, 0.2682



0.6915, 0.4885, 0.2465

Previews

White Background



This preview shows how the Yxy color 64.3140, 0.3215, 0.3202 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 64.3140, 0.3215, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

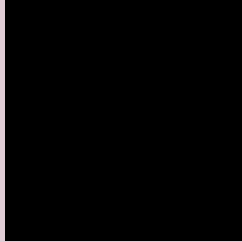
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3140, 0.3215, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 64.3140, 0.3215, 0.3202.



This preview shows how white text looks on a background with the Yxy color 64.3140, 0.3215, 0.3202.

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

64.3140, 0.3215, 0.3202

Protanopia

64.5043, 0.3108, 0.3222

Deuteranopia

64.1740, 0.3256, 0.3181



Tritanopia

64.3606, 0.3173, 0.3115

Trichromacy



Original Color

64.3140, 0.3215, 0.3202

Protanomaly

64.5657, 0.3145, 0.3223

Deuteranomaly

64.3207, 0.3239, 0.3192

Tritanomaly

64.2030, 0.3195, 0.3148

Monochromacy



Original Color

64.3140, 0.3215, 0.3202

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9533, 0.3159, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3140, 0.3215, 0.3202 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, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 213)  
}
```

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, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 213) }
```

Border

The CSS property to change the border of an element to Yxy 64.3140, 0.3215, 0.3202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

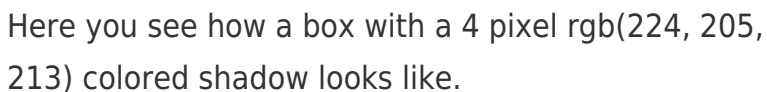
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 205, 213) }
```

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

```
.border{ border-color:rgb(224, 205, 213) }
```

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



Here you see how a box with a 4 pixel rgb(224, 205, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3140, 0.3215, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 213) }
```

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

```
.background{ background-color: rgb(224,  
205, 213) }
```

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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