

Converting Colors

Yxy(63.8554, 0.3239, 0.3208)

Have a look what the booklet for
Yxy(63.8554, 0.3239, 0.3208)
contains.

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Color

Yxy(63.8964, 0.3238, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	E1CCD3
RGB	225, 204, 211
RGB Percent	88%, 80%, 83%
CMY	0.1178, 0.1999, 0.1725
CMYK	0.00, 0.09, 0.06, 0.12
HSL	340°, 26%, 84%
HSV	340°, 9%, 88%
XYZ	64.3936, 63.8964, 70.5784
YIQ	211.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

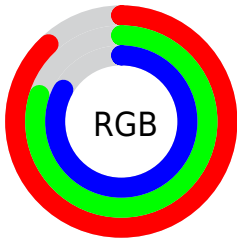
Format	Color
R _Y B	225, 204, 211
Decimal	14798035
CIE Lab	83.91, 8.49, -0.83
CIE LCh	84, 8.528, 354.439
Yxy	63.8964, 0.3238, 0.3213
Android (android.graphics.Color)	4292988115 (0xFFE1CCD3)
YUV	211.0770, -0.0380, 12.2105
Hunter-Lab	79.9352, 3.9079, 3.6049

Details

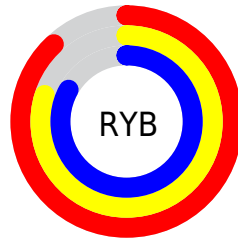
The Yxy color **63.8964, 0.3238, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7270, 0.3028, 0.3368**, and the grayscale version is **65.1892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7931, 0.3265, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **53.2488, 0.3383, 0.3125**, and if you desaturate by 10%, it is **76.1640, 0.3120, 0.3296**.

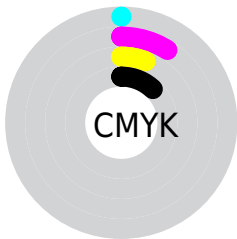
Distribution



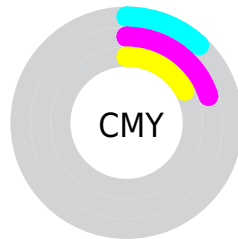
- Red (88%)
- Green (80%)
- Blue (83%)



- Red (88%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (12%)




- Cyan (12%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8964, 0.3238, 0.3213 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 63.8964, 0.3238, 0.3213 by changing the saturation by 10% instead.

 63.8964, 0.3238,
0.3213

 63.8964, 0.3238,
0.3213


438.8154, 0.3186,
0.3249

 46.5668, 0.3250,
0.3204

110.4617, 0.3220,
0.3226

 32.6933, 0.3266,
0.3194


140.4662, 0.3212,
0.3231

 21.8916, 0.3285,
0.3180


175.4644, 0.3206,
0.3235

 13.7773, 0.3312,
0.3162

215.8408, 0.3201,
0.3239

 7.9659, 0.3348,
0.3137

261.9797, 0.3197,
0.3242

 4.0731, 0.3403,
0.3099

314.2655, 0.3192,

 1.7146, 0.3495,

0.3245

0.3037

373.0826, 0.3189,
0.3247

0.4331, 0.3914,
0.2739

0.0000, 0.0000,
0.0000

63.8964, 0.3238,
0.3213

63.8964, 0.3238,
0.3213

53.2488, 0.3383,
0.3125

76.1640, 0.3120,
0.3296

44.1452, 0.3560,
0.3035

90.1071, 0.3023,
0.3372

36.5155, 0.3774,
0.2944

94.7407, 0.2946,
0.3289

30.2815, 0.4029,
0.2861

■ 25.3571, 0.4326,
0.2792

■ 21.6469, 0.4656,
0.2752

■ 19.0423, 0.5005,
0.2751

■ 17.4152, 0.5345,
0.2798

■ 16.5596, 0.5649,
0.2890

Harmonies

Analogous

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



63.8964, 0.3133, 0.3142



63.8964, 0.3238, 0.3213



63.8964, 0.3314, 0.3305

Triad

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



63.8964, 0.3238, 0.3213



63.8964, 0.3225, 0.3478



63.8964, 0.2920, 0.3181

Complementary

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



63.8964, 0.3238, 0.3213



71.7270, 0.3028, 0.3368

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.



63.8964, 0.2944, 0.3271



63.8964, 0.3238, 0.3213



63.8964, 0.3119, 0.3445

Square

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



63.8964, 0.3238, 0.3213



63.8964, 0.3306, 0.3458



63.8964, 0.3016, 0.3369



63.8964, 0.2951, 0.3122

Rectangle

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



63.8964, 0.3238, 0.3213



63.8964, 0.3337, 0.3366



63.8964, 0.3016, 0.3369



63.8964, 0.2922, 0.3208

Sweetspot

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



63.8992, 0.3238, 0.3213



94.8921, 0.3161, 0.3266



63.4766, 0.3083, 0.3058



20.0259, 0.3170, 0.3259



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.



63.8992, 0.3238, 0.3213



82.2460, 0.3262, 0.3198



65.0640, 0.3286, 0.3325



13.7758, 0.3240, 0.3212



9.5382, 0.5628, 0.2874



0.6774, 0.5194, 0.2635

Inverse Universe

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



63.8992, 0.3238, 0.3213



82.2460, 0.3262, 0.3198



70.4189, 0.2984, 0.3254



13.7758, 0.3240, 0.3212



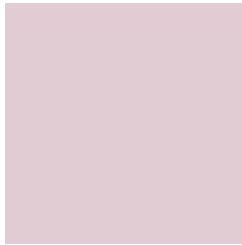
9.5382, 0.5628, 0.2874



0.6774, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 63.8964, 0.3238, 0.3213 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 63.8964, 0.3238, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

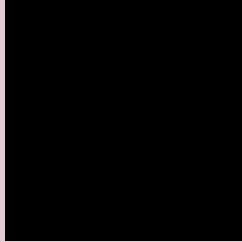
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

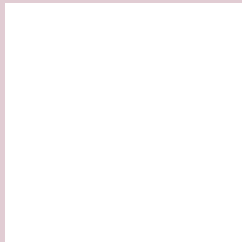
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8964, 0.3238, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 63.8964, 0.3238, 0.3213.



This preview shows how white text looks on a background with the Yxy color 63.8964, 0.3238, 0.3213.

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

63.8964, 0.3238, 0.3213

Protanopia

63.9129, 0.3122, 0.3233

Deuteranopia

63.9090, 0.3263, 0.3203



Tritanopia

63.9951, 0.3189, 0.3115

Trichromacy



Original Color

63.8964, 0.3238, 0.3213

Protanomaly

64.1308, 0.3168, 0.3234

Deuteranomaly

63.7459, 0.3255, 0.3202

Tritanomaly

63.8385, 0.3211, 0.3148

Monochromacy



Original Color

63.8964, 0.3238, 0.3213

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4138, 0.3166, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8964, 0.3238, 0.3213 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(225, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 211)  
}
```

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(225, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 211) }
```

Border

The CSS property to change the border of an element to Yxy 63.8964, 0.3238, 0.3213 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(225, 204, 211) }
```

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

```
.border{ border-color:rgb(225, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 204,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8964, 0.3238, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 211) }
```

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

```
.background{ background-color: rgb(225,  
204, 211) }
```

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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