

Converting Colors

$Yxy(63.5477, 0.3298, 0.3316)$

Have a look what the booklet for
Yxy(63.5477, 0.3298, 0.3316)
contains.

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Color

Yxy(63.2973, 0.3297, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	E0CCCA
RGB	224, 204, 202
RGB Percent	88%, 80%, 79%
CMY	0.1216, 0.2000, 0.2079
CMYK	0.00, 0.09, 0.10, 0.12
HSL	6°, 26%, 84%
HSV	6°, 10%, 88%
XYZ	62.9916, 63.2973, 64.7684
YIQ	209.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

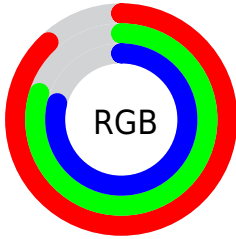
Format	Color
RYP	224, 204, 202
Decimal	14732490
CIE Lab	83.60, 6.63, 3.52
CIE LCh	84, 7.504, 27.972
Yxy	63.2973, 0.3297, 0.3313
Android (android.graphics.Color)	4292922570 (0xFFE0CCCA)
YUV	209.7520, -3.8217, 12.4955
Hunter-Lab	79.5596, 2.0987, 7.4245

Details

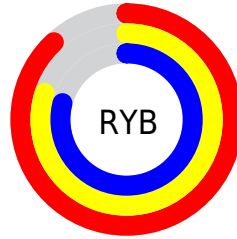
The Yxy color **63.2973, 0.3297, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1675, 0.2976, 0.3267**, and the grayscale version is **64.2979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3858, 0.3343, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **53.2661, 0.3510, 0.3338**, and if you desaturate by 10%, it is **74.7516, 0.3124, 0.3290**.

Distribution



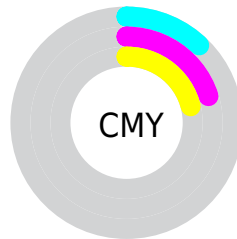
- Red (88%)
- Green (80%)
- Blue (79%)



- Red (88%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2973, 0.3297, 0.3313 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 63.2973, 0.3297, 0.3313 by changing the saturation by 10% instead.


 63.2973, 0.3297,
0.3313

 63.2973, 0.3297,
0.3313

436.6476, 0.3216,
0.3303

 46.0818, 0.3316,
0.3315


109.5983, 0.3268,
0.3309

 32.3103, 0.3340,
0.3318


139.4526, 0.3257,
0.3308

 21.5987, 0.3371,
0.3322

174.2885, 0.3248,
0.3307

 13.5623, 0.3412,
0.3326

214.4906, 0.3240,
0.3306

 7.8169, 0.3470,
0.3332

260.4431, 0.3233,
0.3305

 3.9780, 0.3558,
0.3339

312.5306, 0.3227,

 1.6613, 0.3706,

0.3304

371.1373, 0.3221,
0.3303

0.3350

0.3984, 0.4797,
0.3536

0.0000, 0.0000,
0.0000

63.2973, 0.3297,
0.3313

63.2973, 0.3297,
0.3313

53.2661, 0.3510,
0.3338

74.7516, 0.3124,
0.3290

44.5943, 0.3772,
0.3364

87.6727, 0.2984,
0.3268

37.2259, 0.4090,
0.3390

94.5864, 0.2940,
0.3289

31.0980, 0.4469,
0.3413

■ 26.1421, 0.4900,
0.3428

■ 22.2833, 0.5356,
0.3431

■ 19.4379, 0.5788,
0.3418

■ 17.5101, 0.6129,
0.3386

■ 16.3798, 0.6338,
0.3348

Harmonies

Analogous

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



63.2973, 0.3235, 0.3231



63.2973, 0.3297, 0.3313



63.2973, 0.3313, 0.3391

Triad

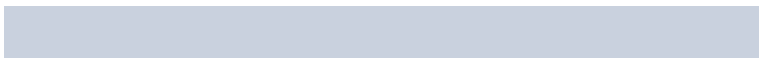
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2973, 0.3297, 0.3313



63.2973, 0.3109, 0.3420



63.2973, 0.2977, 0.3138

Complementary

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



63.2973, 0.3297, 0.3313



70.1675, 0.2976, 0.3267

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.



63.2973, 0.2945, 0.3186



63.2973, 0.3297, 0.3313



63.2973, 0.3020, 0.3350

Square

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



63.2973, 0.3297, 0.3313



63.2973, 0.3203, 0.3454



63.2973, 0.2960, 0.3263



63.2973, 0.3050, 0.3131

Rectangle

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



63.2973, 0.3297, 0.3313



63.2973, 0.3295, 0.3429



63.2973, 0.2960, 0.3263



63.2973, 0.2961, 0.3150

Sweetspot

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



63.3001, 0.3297, 0.3313



95.1634, 0.3176, 0.3297



63.3660, 0.3152, 0.3069



20.0987, 0.3189, 0.3299



0.0000, 0.0000, 0.0000



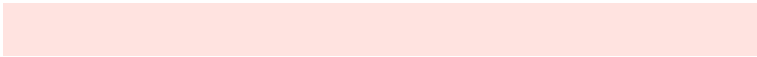
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3001, 0.3297, 0.3313



81.7141, 0.3341, 0.3319



68.6230, 0.3284, 0.3432



13.9015, 0.3290, 0.3312



9.5987, 0.6326, 0.3359



0.7358, 0.6140, 0.3507

Inverse Universe

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



70.1675, 0.2976, 0.3267



92.8745, 0.2942, 0.3261



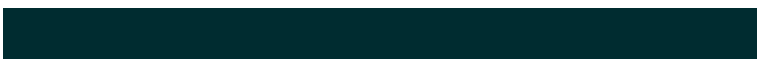
64.6047, 0.2975, 0.3144



15.3462, 0.2982, 0.3268



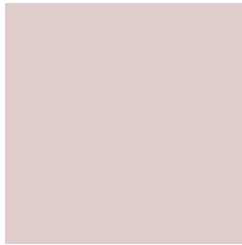
28.2118, 0.2167, 0.3001



2.0191, 0.2180, 0.3049

Previews

White Background



This preview shows how the Yxy color 63.2973, 0.3297, 0.3313 looks on a white background.

Color Contrast Check

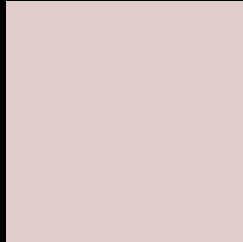
Large Text (above 18pt) WCAG AA × Fail

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 63.2973, 0.3297, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

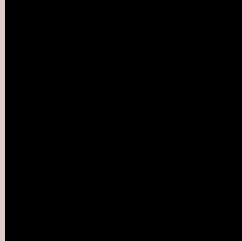
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2973, 0.3297, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 63.2973, 0.3297, 0.3313.



This preview shows how white text looks on a background with the Yxy color 63.2973, 0.3297, 0.3313.

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

63.2973, 0.3297, 0.3313

Protanopia

63.1314, 0.3194, 0.3324

Deuteranopia

63.4943, 0.3355, 0.3291



Tritanopia

63.4196, 0.3204, 0.3126

Trichromacy



Original Color

63.2973, 0.3297, 0.3313

Protanomaly

63.2061, 0.3233, 0.3324

Deuteranomaly

63.4701, 0.3330, 0.3302

Tritanomaly

63.4729, 0.3232, 0.3191

Monochromacy



Original Color

63.2973, 0.3297, 0.3313

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0638, 0.3187, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2973, 0.3297, 0.3313 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, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 202)  
}
```

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, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.2973, 0.3297, 0.3313 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, 204, 202) }
```

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

```
.border{ border-color:rgb(224, 204, 202) }
```

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

Here you see how a box with a 4 pixel rgb(224, 204, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2973, 0.3297, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 202) }
```

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

```
.background{ background-color: rgb(224,  
204, 202) }
```

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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