

Converting Colors

$Yxy(63.5101, 0.3282, 0.3285)$

Have a look what the booklet for
Yxy(63.5101, 0.3282, 0.3285)
contains.

Yxy(63.4408, 0.3275, 0.3279)	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(63.4408, 0.3275, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E0CCCD
RGB	224, 204, 205
RGB Percent	88%, 80%, 80%
CMY	0.1214, 0.2000, 0.1960
CMYK	0.00, 0.09, 0.08, 0.12
HSL	357°, 24%, 84%
HSV	357°, 9%, 88%
XYZ	63.3634, 63.4408, 66.6719
YIQ	210.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

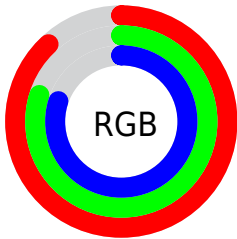
Format	Color
RYB	224, 204, 205
Decimal	14732493
CIELab	83.67, 7.16, 2.02
CIELCh	84, 7.438, 15.739
Yxy	63.4408, 0.3275, 0.3279
Android (android.graphics.Color)	4292922573 (0xFFE0CCCD)
YUV	210.0940, -2.5113, 12.1956
Hunter-Lab	79.6497, 2.6143, 6.1253

Details

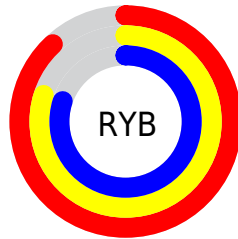
The Yxy color **63.4408, 0.3275, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4983, 0.2996, 0.3301**, and the grayscale version is **64.5298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4821, 0.3314, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **52.5910, 0.3479, 0.3266**, and if you desaturate by 10%, it is **75.9675, 0.3112, 0.3291**.

Distribution



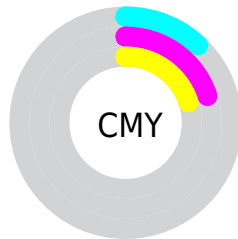
- Red (88%)
- Green (80%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4408, 0.3275, 0.3279 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 63.4408, 0.3275, 0.3279 by changing the saturation by 10% instead.

■ 63.4408, 0.3275,
0.3279

■ 63.4408, 0.3275,
0.3279

437.1675, 0.3205,
0.3285

■ 46.1979, 0.3292,
0.3278

109.8052, 0.3250,
0.3281

■ 32.4020, 0.3312,
0.3276

139.6955, 0.3241,
0.3282

■ 21.6688, 0.3339,
0.3273

174.5704, 0.3233,
0.3282

■ 13.6137, 0.3375,
0.3270

214.8143, 0.3225,
0.3283

■ 7.8525, 0.3425,
0.3265

260.8115, 0.3219,
0.3284

■ 4.0007, 0.3501,
0.3257

312.9465, 0.3214,

■ 1.6740, 0.3629,

0.3284

0.3242

371.6037, 0.3209,
0.3284

0.4067, 0.4421,
0.3203

0.0000, 0.0000,
0.0000

63.4408, 0.3275,
0.3279

63.4408, 0.3275,
0.3279

52.5910, 0.3479,
0.3266

75.9675, 0.3112,
0.3291

43.3392, 0.3734,
0.3253

90.2293, 0.2981,
0.3302

35.6123, 0.4048,
0.3240

94.5939, 0.2941,
0.3289

29.3286, 0.4426,
0.3229

■ 24.3984, 0.4862,
0.3222

■ 20.7224, 0.5331,
0.3223

■ 18.1874, 0.5777,
0.3233

■ 16.6599, 0.6132,
0.3254

■ 15.9359, 0.6343,
0.3276

Harmonies

Analogous

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



63.4408, 0.3199, 0.3202



63.4408, 0.3275, 0.3279



63.4408, 0.3311, 0.3360

Triad

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



63.4408, 0.3275, 0.3279



63.4408, 0.3148, 0.3438



63.4408, 0.2960, 0.3155

Complementary

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



63.4408, 0.3275, 0.3279



71.4983, 0.2996, 0.3301

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.



63.4408, 0.2947, 0.3216



63.4408, 0.3275, 0.3279



63.4408, 0.3054, 0.3381

Square

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



63.4408, 0.3275, 0.3279



63.4408, 0.3237, 0.3454



63.4408, 0.2981, 0.3299



63.4408, 0.3017, 0.3130

Rectangle

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



63.4408, 0.3275, 0.3279



63.4408, 0.3307, 0.3406



63.4408, 0.2981, 0.3299



63.4408, 0.2950, 0.3171

Sweetspot

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



63.4436, 0.3275, 0.3279



94.7570, 0.3174, 0.3286



64.2064, 0.3127, 0.3071



19.9896, 0.3187, 0.3285



0.0000, 0.0000, 0.0000



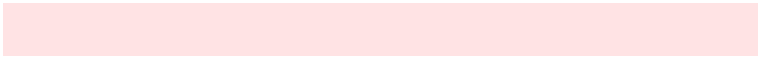
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4436, 0.3275, 0.3279



81.7936, 0.3315, 0.3276



67.6404, 0.3273, 0.3386



13.7118, 0.3284, 0.3278



9.2440, 0.6344, 0.3268



0.6448, 0.6182, 0.3179

Inverse Universe

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



63.4436, 0.3275, 0.3279



81.7936, 0.3315, 0.3276



67.0008, 0.2989, 0.3192



13.7118, 0.3284, 0.3278



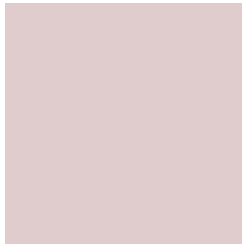
9.2440, 0.6344, 0.3268



0.6448, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 63.4408, 0.3275, 0.3279 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 63.4408, 0.3275, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

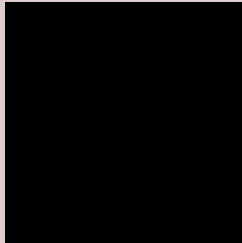
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

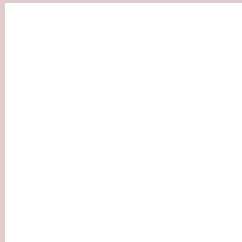
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4408, 0.3275, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 63.4408, 0.3275, 0.3279.



This preview shows how white text looks on a background with the Yxy color 63.4408, 0.3275, 0.3279.

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

63.4408, 0.3275, 0.3279

Protanopia

63.7629, 0.3172, 0.3302

Deuteranopia

63.4718, 0.3324, 0.3258



Tritanopia

63.4718, 0.3197, 0.3115

Trichromacy



Original Color

63.4408, 0.3275, 0.3279

Protanomaly

63.8336, 0.3210, 0.3302

Deuteranomaly

63.6136, 0.3307, 0.3268

Tritanomaly

63.5235, 0.3225, 0.3180

Monochromacy



Original Color

63.4408, 0.3275, 0.3279

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1129, 0.3180, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4408, 0.3275, 0.3279 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 205) }
```

Border

The CSS property to change the border of an element to Yxy 63.4408, 0.3275, 0.3279 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, 205) }
```

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

```
.border{ border-color:rgb(224, 204, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4408, 0.3275, 0.3279 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, 205) }
```

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

```
.background{ background-color: rgb(224,  
204, 205) }
```

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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