

Converting Colors

$Y_{xy}(62.9251, 0.3238, 0.3257)$

Have a look what the booklet for
Yxy(62.9251, 0.3238, 0.3257)
contains.

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Color

Yxy(63.0629, 0.3237, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	DDCCCF
RGB	221, 204, 207
RGB Percent	87%, 80%, 81%
CMY	0.1333, 0.2000, 0.1883
CMYK	0.00, 0.08, 0.06, 0.13
HSL	350°, 20%, 83%
HSV	350°, 8%, 87%
XYZ	62.6757, 63.0629, 67.8841
YIQ	209.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

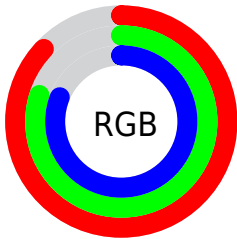
Format	Color
R _Y B	221, 204, 207
Decimal	14535887
CIE Lab	83.48, 6.43, 0.65
CIE LCh	83, 6.461, 5.796
Yxy	63.0629, 0.3237, 0.3257
Android (android.graphics.Color)	4292725967 (0xFFDDCCCF)
YUV	209.4250, -1.1955, 10.1513
Hunter-Lab	79.4122, 1.9090, 4.9055

Details

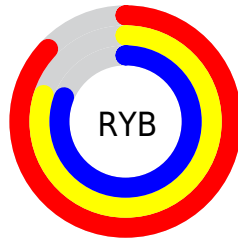
The Yxy color **63.0629, 0.3237, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6248, 0.3027, 0.3323**, and the grayscale version is **64.0580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2196, 0.3263, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **52.4528, 0.3410, 0.3212**, and if you desaturate by 10%, it is **75.2724, 0.3098, 0.3299**.

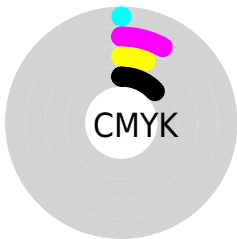
Distribution



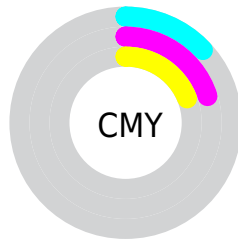
- Red (87%)
- Green (80%)
- Blue (81%)



- Red (87%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0629, 0.3237, 0.3257 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 63.0629, 0.3237, 0.3257 by changing the saturation by 10% instead.


 63.0629, 0.3237,
0.3257

 63.0629, 0.3237,
0.3257

435.7977, 0.3185,
0.3273

 45.8921, 0.3249,
0.3253


109.2603, 0.3219,
0.3263

 32.1607, 0.3265,
0.3249

139.0556, 0.3212,
0.3265

 21.4843, 0.3285,
0.3242


173.8279, 0.3205,
0.3267

 13.4784, 0.3311,
0.3234

213.9616, 0.3200,
0.3268

 7.7588, 0.3348,
0.3223

259.8410, 0.3196,
0.3270

 3.9410, 0.3405,
0.3205

311.8506, 0.3192,

 1.6406, 0.3499,

0.3271

0.3175

370.3747, 0.3188,
0.3272

0.3848, 0.4081,
0.3004

0.0000, 0.0000,
0.0000

63.0629, 0.3237,
0.3257

63.0629, 0.3237,
0.3257

52.4528, 0.3410,
0.3212

75.2724, 0.3098,
0.3299

43.3680, 0.3623,
0.3164

89.1352, 0.2985,
0.3338

35.7405, 0.3886,
0.3117

94.1151, 0.2923,
0.3289

29.4944, 0.4203,
0.3074

■ 24.5464, 0.4574,
0.3041

■ 20.8046, 0.4988,
0.3027

■ 18.1649, 0.5413,
0.3039

■ 16.5052, 0.5802,
0.3083

■ 15.6586, 0.6103,
0.3153

Harmonies

Analogous

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



63.0629, 0.3163, 0.3195



63.0629, 0.3237, 0.3257



63.0629, 0.3281, 0.3329

Triad

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



63.0629, 0.3237, 0.3257



63.0629, 0.3172, 0.3427



63.0629, 0.2973, 0.3187

Complementary

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



63.0629, 0.3237, 0.3257



69.6248, 0.3027, 0.3323

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.



63.0629, 0.2976, 0.3248



63.0629, 0.3237, 0.3257



63.0629, 0.3090, 0.3389

Square

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



63.0629, 0.3237, 0.3257



63.0629, 0.3243, 0.3428



63.0629, 0.3018, 0.3323



63.0629, 0.3011, 0.3154

Rectangle

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



63.0629, 0.3237, 0.3257



63.0629, 0.3288, 0.3373



63.0629, 0.3018, 0.3323



63.0629, 0.2969, 0.3205

Sweetspot

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



63.0657, 0.3237, 0.3257



96.5210, 0.3154, 0.3282



63.2981, 0.3112, 0.3101



20.6959, 0.3153, 0.3282



0.0000, 0.0000, 0.0000



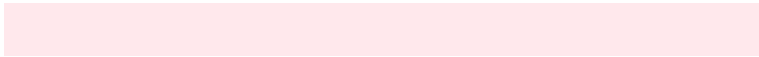
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0657, 0.3237, 0.3257



85.0610, 0.3259, 0.3251



65.5278, 0.3253, 0.3351



13.0885, 0.3264, 0.3249



9.0252, 0.6129, 0.3150



0.5961, 0.5699, 0.2913

Inverse Universe

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



63.0657, 0.3237, 0.3257



85.0610, 0.3259, 0.3251



66.9816, 0.3009, 0.3229



13.0885, 0.3264, 0.3249



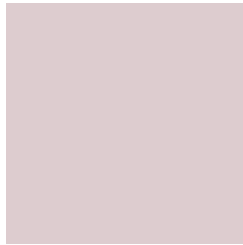
9.0252, 0.6129, 0.3150



0.5961, 0.5699, 0.2913

Previews

White Background



This preview shows how the Yxy color 63.0629, 0.3237, 0.3257 looks on a white background.

Color Contrast Check

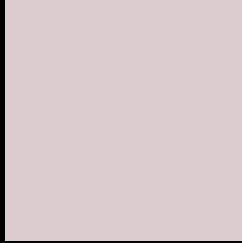
Large Text (above 18pt) WCAG AA × Fail

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 63.0629, 0.3237, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

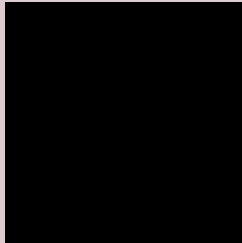
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

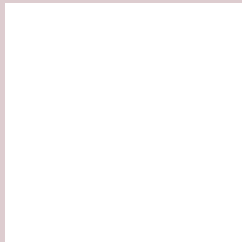
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0629, 0.3237, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 63.0629, 0.3237, 0.3257.



This preview shows how white text looks on a background with the Yxy color 63.0629, 0.3237, 0.3257.

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

63.0629, 0.3237, 0.3257

Protanopia

63.0780, 0.3143, 0.3267

Deuteranopia

62.7723, 0.3295, 0.3224



Tritanopia

62.9910, 0.3174, 0.3114

Trichromacy



Original Color

63.0629, 0.3237, 0.3257

Protanomaly

63.1438, 0.3181, 0.3268

Deuteranomaly

62.7536, 0.3270, 0.3235

Tritanomaly

63.0965, 0.3194, 0.3168

Monochromacy



Original Color

63.0629, 0.3237, 0.3257

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3258, 0.3166, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0629, 0.3237, 0.3257 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(221, 204, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 207)  
}
```

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(221, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.0629, 0.3237, 0.3257 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(221, 204, 207) }
```

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

```
.border{ border-color:rgb(221, 204, 207) }
```

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

Here you see how a box with a 4 pixel rgb(221, 204, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 204,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0629, 0.3237, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 204, 207) }
```

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

```
.background{ background-color: rgb(221,  
204, 207) }
```

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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