

Converting Colors

$Yxy(62.9783, 0.3239, 0.3359)$

Have a look what the booklet for
Yxy(62.9783, 0.3239, 0.3359)
contains.

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Color

Yxy(62.7598, 0.3239, 0.3359)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7CEC8 |
| RGB | 215, 206, 200 |
| RGB Percent | 84%, 81%, 78% |
| CMY | 0.1569, 0.1921, 0.2157 |
| CMYK | 0.00, 0.04, 0.07, 0.16 |
| HSL | 24°, 16%, 81% |
| HSV | 24°, 7%, 84% |
| XYZ | 60.5177, 62.7598, 63.5632 |
| YIQ | 208.0070, 7.2900, 0.0420 |

Conversions

Conversions Part 2

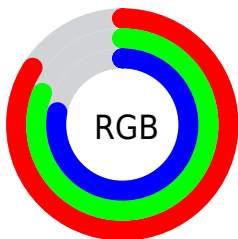
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 215, 210, 200 |
| Decimal | 14143176 |
| CIE Lab | 83.32, 2.06, 4.08 |
| CIE LCh | 83, 4.574, 63.193 |
| Yxy | 62.7598, 0.3239, 0.3359 |
| Android (android.graphics.Color) | 4292333256 (0xFFD7CEC8) |
| YUV | 208.0070, -3.9475, 6.1329 |
| Hunter-Lab | 79.2211, -2.2791, 7.8833 |

Details

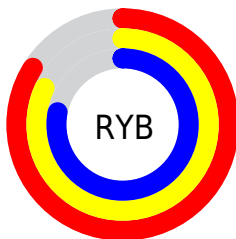
The Yxy color **62.7598, 0.3239, 0.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7724, 0.3020, 0.3220**, and the grayscale version is **63.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0054, 0.3266, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **55.8795, 0.3422, 0.3463**, and if you desaturate by 10%, it is **70.2948, 0.3082, 0.3261**.

Distribution



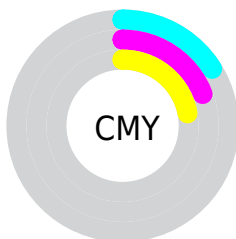
- Red (84%)
- Green (81%)
- Blue (78%)



- Red (84%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7598, 0.3239, 0.3359 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 62.7598, 0.3239, 0.3359 by changing the saturation by 10% instead.

■ 62.7598, 0.3239,
0.3359

■ 62.7598, 0.3239,
0.3359

434.6972, 0.3186,
0.3326

■ 45.6469, 0.3252,
0.3367

108.8229, 0.3220,
0.3348

■ 31.9673, 0.3267,
0.3376

138.5419, 0.3213,
0.3343

■ 21.3365, 0.3288,
0.3388

173.2318, 0.3207,
0.3339

■ 13.3702, 0.3315,
0.3405

213.2768, 0.3201,
0.3336

■ 7.6840, 0.3353,
0.3427

259.0615, 0.3197,
0.3333

■ 3.8934, 0.3411,
0.3461

310.9702, 0.3193,

■ 1.6141, 0.3509,

0.3331

369.3873, 0.3189,
0.3328

0.3517

0.3671, 0.4534,
0.4168

0.0000, 0.0000,
0.0000

62.7598, 0.3239,
0.3359

62.7598, 0.3239,
0.3359

55.8795, 0.3422,
0.3463

70.2948, 0.3082,
0.3261

49.6275, 0.3634,
0.3572

78.4933, 0.2948,
0.3171

43.9880, 0.3877,
0.3682

86.7483, 0.2884,
0.3183

38.9409, 0.4153,
0.3787

93.1855, 0.2889,
0.3289

■ 34.4652, 0.4456,
0.3878

■ 30.5386, 0.4776,
0.3944

■ 27.1366, 0.5096,
0.3972

■ 24.2326, 0.5393,
0.3950

■ 21.7957, 0.5641,
0.3875

Harmonies

Analogous

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



62.7598, 0.3235, 0.3314



62.7598, 0.3239, 0.3359



62.7598, 0.3213, 0.3387

Triad

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



62.7598, 0.3239, 0.3359



62.7598, 0.3054, 0.3318



62.7598, 0.3090, 0.3194

Complementary

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



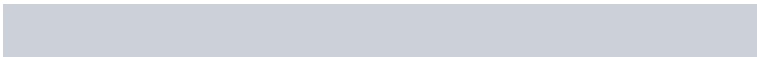
62.7598, 0.3239, 0.3359



62.7724, 0.3020, 0.3220

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.



62.7598, 0.3042, 0.3194



62.7598, 0.3239, 0.3359



62.7598, 0.3021, 0.3265

Square

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



62.7598, 0.3239, 0.3359



62.7598, 0.3106, 0.3363



62.7598, 0.3017, 0.3220



62.7598, 0.3148, 0.3219

Rectangle

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



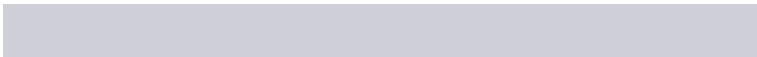
62.7598, 0.3239, 0.3359



62.7598, 0.3182, 0.3391



62.7598, 0.3017, 0.3220



62.7598, 0.3072, 0.3191

Sweetspot

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



62.7625, 0.3239, 0.3359



97.7427, 0.3158, 0.3310



60.3543, 0.3179, 0.3188



20.9447, 0.3157, 0.3309



0.0000, 0.0000, 0.0000



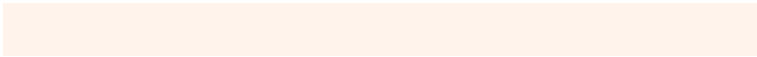
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7625, 0.3239, 0.3359



91.2068, 0.3258, 0.3370



66.4506, 0.3231, 0.3443



13.2303, 0.3281, 0.3384



12.8407, 0.5683, 0.3869



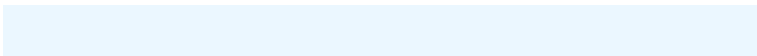
0.9343, 0.5368, 0.4119

Inverse Universe

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



62.7724, 0.3020, 0.3220



91.2234, 0.3003, 0.3208



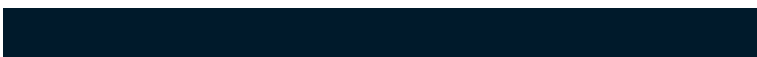
59.1881, 0.3021, 0.3132



13.2331, 0.2982, 0.3194



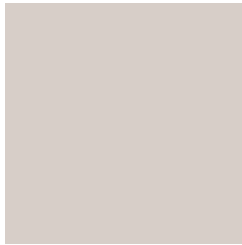
12.4987, 0.1869, 0.1927



0.9140, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 62.7598, 0.3239, 0.3359 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 62.7598, 0.3239, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

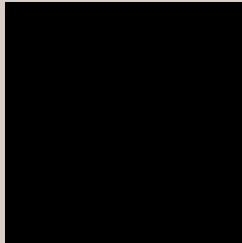
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

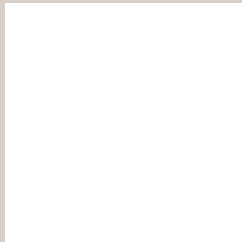
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7598, 0.3239, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 62.7598, 0.3239, 0.3359.

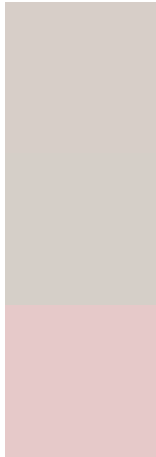


This preview shows how white text looks on a background with the Yxy color 62.7598, 0.3239, 0.3359.

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

62.7598, 0.3239, 0.3359

Protanopia

62.9419, 0.3223, 0.3371

Deuteranopia

62.8133, 0.3356, 0.3291



Tritanopia

62.7318, 0.3128, 0.3112

Trichromacy



Original Color

62.7598, 0.3239, 0.3359

Protanomaly

63.0919, 0.3230, 0.3370

Deuteranomaly

62.9365, 0.3314, 0.3313

Tritanomaly

62.6909, 0.3170, 0.3200

Monochromacy



Original Color

62.7598, 0.3239, 0.3359

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8823, 0.3172, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7598, 0.3239, 0.3359 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(215, 206, 200) looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 200)  
}
```

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(215, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 200) }
```

Border

The CSS property to change the border of an element to Yxy 62.7598, 0.3239, 0.3359 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(215, 206, 200) }
```

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

```
.border{ border-color:rgb(215, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7598, 0.3239, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 200) }
```

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

```
.background{ background-color: rgb(215,  
206, 200) }
```

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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