

Converting Colors

$Yxy(62.6900, 0.3349, 0.3404)$

Have a look what the booklet for
Yxy(62.6900, 0.3349, 0.3404)
contains.

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Color

Yxy(62.7687, 0.3349, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	DFCCC2
RGB	223, 204, 194
RGB Percent	87%, 80%, 76%
CMY	0.1253, 0.2000, 0.2391
CMYK	0.00, 0.09, 0.13, 0.13
HSL	21°, 31%, 82%
HSV	21°, 13%, 87%
XYZ	61.7727, 62.7687, 59.9097
YIQ	208.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

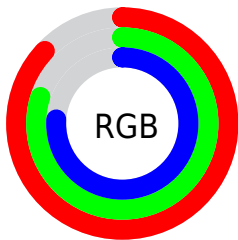
Format	Color
RYB	223, 209, 194
Decimal	14666946
CIELab	83.32, 5.00, 7.36
CIELCh	83, 8.892, 55.820
Yxy	62.7687, 0.3349, 0.3403
Android (android.graphics.Color)	4292857026 (0xFFDFCCC2)
YUV	208.5410, -7.1687, 12.6805
Hunter-Lab	79.2267, 0.5288, 10.6247

Details

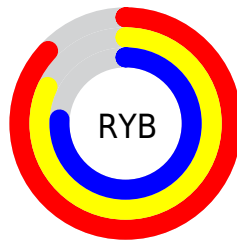
The Yxy color **62.7687, 0.3349, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4259, 0.2926, 0.3174**, and the grayscale version is **63.4915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **32.0310, 0.3413, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **55.2075, 0.3555, 0.3496**, and if you desaturate by 10%, it is **71.1402, 0.3174, 0.3315**.

Distribution



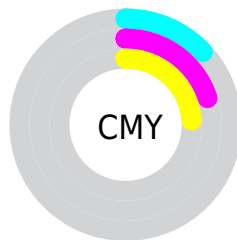
- Red (87%)
- Green (80%)
- Blue (76%)



- Red (87%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7687, 0.3349, 0.3403 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 62.7687, 0.3349, 0.3403 by changing the saturation by 10% instead.

 62.7687, 0.3349,
0.3403

 62.7687, 0.3349,
0.3403

434.7296, 0.3243,
0.3350

 45.6541, 0.3374,
0.3415

 108.8357, 0.3312,
0.3385

 31.9730, 0.3405,
0.3430


138.5570, 0.3297,
0.3377

 21.3408, 0.3446,
0.3450


173.2493, 0.3285,
0.3371

 13.3734, 0.3500,
0.3475

213.2969, 0.3274,
0.3366

 7.6862, 0.3577,
0.3510

259.0844, 0.3265,
0.3361

 3.8948, 0.3692,
0.3561

310.9961, 0.3257,

 1.6149, 0.3887,

0.3357

0.3640

369.4163, 0.3250,
0.3353

0.3676, 0.5618,
0.4382

0.0000, 0.0000,
0.0000

62.7687, 0.3349,
0.3403

62.7687, 0.3349,
0.3403

55.2075, 0.3555,
0.3496

71.1402, 0.3174,
0.3315

48.4237, 0.3795,
0.3591

80.3371, 0.3026,
0.3234

42.3940, 0.4072,
0.3684

89.9967, 0.2933,
0.3218

37.0911, 0.4385,
0.3767

94.4344, 0.2935,
0.3289

■ 32.4856, 0.4726,
0.3831

■ 28.5462, 0.5078,
0.3862

■ 25.2385, 0.5414,
0.3850

■ 22.5242, 0.5704,
0.3786

■ 20.9500, 0.5872,
0.3720

Harmonies

Analogous

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



62.7687, 0.3326, 0.3310



62.7687, 0.3349, 0.3403



62.7687, 0.3312, 0.3469

Triad

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



62.7687, 0.3349, 0.3403



62.7687, 0.3006, 0.3368



62.7687, 0.3028, 0.3101

Complementary

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



62.7687, 0.3349, 0.3403



64.4259, 0.2926, 0.3174

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.



62.7687, 0.2945, 0.3112



62.7687, 0.3349, 0.3403



62.7687, 0.2933, 0.3265

Square

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



62.7687, 0.3349, 0.3403



62.7687, 0.3113, 0.3450



62.7687, 0.2910, 0.3172



62.7687, 0.3138, 0.3138

Rectangle

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



62.7687, 0.3349, 0.3403



62.7687, 0.3258, 0.3487



62.7687, 0.2910, 0.3172



62.7687, 0.2996, 0.3099

Sweetspot

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



62.7715, 0.3349, 0.3403



95.1624, 0.3191, 0.3324



59.1097, 0.3214, 0.3075



20.1783, 0.3203, 0.3330



0.0000, 0.0000, 0.0000



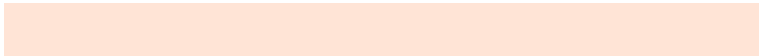
21.4041, 0.3127, 0.3290

Same Dimension

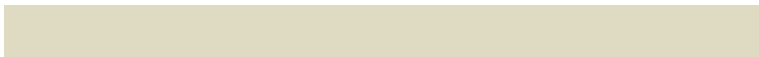
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7715, 0.3349, 0.3403



81.7315, 0.3409, 0.3431



69.8390, 0.3328, 0.3559



14.4666, 0.3283, 0.3371



12.5031, 0.5845, 0.3741



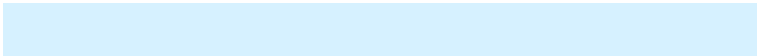
1.0294, 0.5547, 0.3978

Inverse Universe

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



64.4259, 0.2926, 0.3174



84.4468, 0.2878, 0.3144



57.5829, 0.2922, 0.3006



14.7380, 0.2982, 0.3208



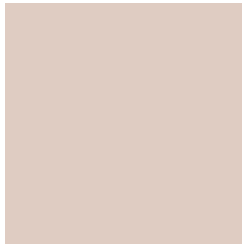
15.5089, 0.1925, 0.2129



1.2397, 0.1980, 0.2329

Previews

White Background



This preview shows how the Yxy color 62.7687, 0.3349, 0.3403 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 62.7687, 0.3349, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

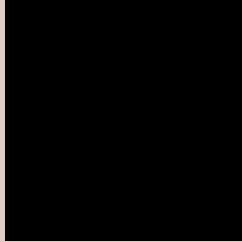
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7687, 0.3349, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 62.7687, 0.3349, 0.3403.



This preview shows how white text looks on a background with the Yxy color 62.7687, 0.3349, 0.3403.

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

62.7687, 0.3349, 0.3403

Protanopia

62.9073, 0.3259, 0.3417

Deuteranopia

62.5723, 0.3428, 0.3346



Tritanopia

62.8999, 0.3212, 0.3126

Trichromacy



Original Color

62.7687, 0.3349, 0.3403

Protanomaly

62.8345, 0.3291, 0.3416

Deuteranomaly

62.3714, 0.3394, 0.3358

Tritanomaly

62.8027, 0.3263, 0.3224

Monochromacy



Original Color

62.7687, 0.3349, 0.3403

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2814, 0.3202, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7687, 0.3349, 0.3403 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(223, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 194)  
}
```

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(223, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 194) }
```

Border

The CSS property to change the border of an element to Yxy 62.7687, 0.3349, 0.3403 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(223, 204, 194) }
```

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

```
.border{ border-color:rgb(223, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7687, 0.3349, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 194) }
```

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

```
.background{ background-color: rgb(223,  
204, 194) }
```

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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