

Converting Colors

Yxy(64.0180, 0.3319, 0.3384)

Have a look what the booklet for
Yxy(64.0180, 0.3319, 0.3384)
contains.

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Color

Yxy(63.9078, 0.3316, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	DFCEC6
RGB	223, 206, 198
RGB Percent	87%, 81%, 78%
CMY	0.1255, 0.1921, 0.2234
CMYK	0.00, 0.08, 0.11, 0.13
HSL	19°, 28%, 83%
HSV	19°, 11%, 87%
XYZ	62.6977, 63.9078, 62.4708
YIQ	210.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

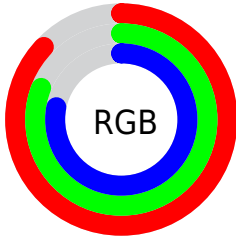
Format	Color
R _Y B	223, 210, 198
Decimal	14667462
CIE Lab	83.92, 4.57, 6.08
CIE LCh	84, 7.610, 53.069
Yxy	63.9078, 0.3316, 0.3380
Android (android.graphics.Color)	4292857542 (0xFFDFCEC6)
YUV	210.1710, -6.0003, 11.2510
Hunter-Lab	79.9424, 0.0960, 9.6276

Details

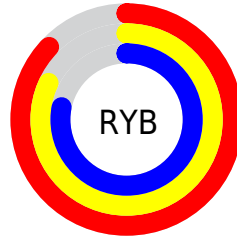
The Yxy color $63.9078, 0.3316, 0.3380$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.9484, 0.2954, 0.3198$, and the grayscale version is $64.6033, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.7949, 0.3369, 0.3409$ is the 20% darker color. If you saturate the color by 10%, you get $55.9982, 0.3517, 0.3466$, and if you desaturate by 10%, it is $72.6801, 0.3146, 0.3299$.

Distribution



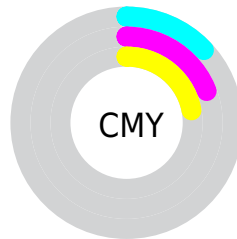
- Red (87%)
- Green (81%)
- Blue (78%)



- Red (87%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9078, 0.3316, 0.3380 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 63.9078, 0.3316, 0.3380 by changing the saturation by 10% instead.

63.9078, 0.3316,
0.3380

63.9078, 0.3316,
0.3380

438.8566, 0.3226,
0.3338

46.5760, 0.3337,
0.3390

110.4781, 0.3284,
0.3365

32.7006, 0.3364,
0.3402

140.4855, 0.3272,
0.3360

21.8972, 0.3398,
0.3417

175.4868, 0.3262,
0.3355

13.7814, 0.3443,
0.3437

215.8664, 0.3253,
0.3351

7.9688, 0.3508,
0.3465

262.0089, 0.3245,
0.3347

4.0750, 0.3604,
0.3505

314.2984, 0.3238,

1.7156, 0.3765,

0.3344

373.1196, 0.3232,
0.3341

0.3568

0.4337, 0.5215,
0.4318

0.0000, 0.0000,
0.0000

63.9078, 0.3316,
0.3380

63.9078, 0.3316,
0.3380

55.9982, 0.3517,
0.3466

72.6801, 0.3146,
0.3299

48.9163, 0.3755,
0.3554

82.3319, 0.3002,
0.3225

42.6371, 0.4030,
0.3641

92.2345, 0.2934,
0.3254

37.1311, 0.4345,
0.3721

94.4280, 0.2935,
0.3289

■ 32.3668, 0.4691,
0.3784

■ 28.3105, 0.5054,
0.3817

■ 24.9255, 0.5407,
0.3809

■ 22.1709, 0.5716,
0.3752

■ 20.2254, 0.5934,
0.3670

Harmonies

Analogous

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



63.9078, 0.3291, 0.3299



63.9078, 0.3316, 0.3380



63.9078, 0.3289, 0.3438

Triad

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



63.9078, 0.3316, 0.3380



63.9078, 0.3032, 0.3364



63.9078, 0.3035, 0.3128

Complementary

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



63.9078, 0.3316, 0.3380



65.9484, 0.2954, 0.3198

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.



63.9078, 0.2967, 0.3142



63.9078, 0.3316, 0.3380



63.9078, 0.2966, 0.3277

Square

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



63.9078, 0.3316, 0.3380



63.9078, 0.3124, 0.3430



63.9078, 0.2942, 0.3196



63.9078, 0.3128, 0.3155

Rectangle

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



63.9078, 0.3316, 0.3380



63.9078, 0.3246, 0.3456



63.9078, 0.2942, 0.3196



63.9078, 0.3008, 0.3128

Sweetspot

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



63.9106, 0.3316, 0.3380



96.2403, 0.3175, 0.3314



60.9983, 0.3198, 0.3101



20.3882, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



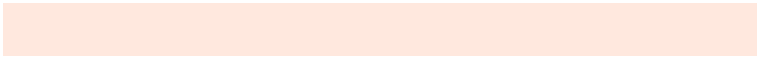
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9106, 0.3316, 0.3380



84.4874, 0.3352, 0.3396



70.1279, 0.3300, 0.3516



14.4117, 0.3284, 0.3366



12.0731, 0.5907, 0.3692



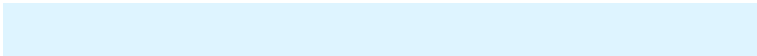
0.9947, 0.5605, 0.3932

Inverse Universe

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



65.9484, 0.2954, 0.3198



87.6740, 0.2925, 0.3182



59.8615, 0.2952, 0.3053



14.7953, 0.2982, 0.3213



16.5028, 0.1949, 0.2215



1.3033, 0.2000, 0.2401

Previews

White Background



This preview shows how the Yxy color 63.9078, 0.3316, 0.3380 looks on a white background.

Color Contrast Check

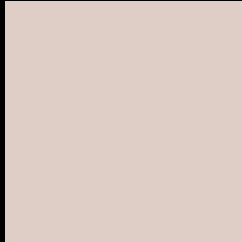
Large Text (above 18pt) WCAG AA × Fail

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 63.9078, 0.3316, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

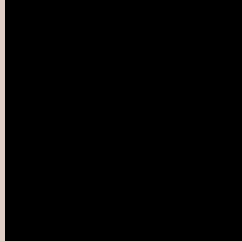
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9078, 0.3316, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 63.9078, 0.3316, 0.3380.

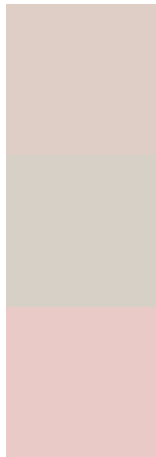


This preview shows how white text looks on a background with the Yxy color 63.9078, 0.3316, 0.3380.

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

63.9078, 0.3316, 0.3380

Protanopia

63.6823, 0.3244, 0.3393

Deuteranopia

63.6882, 0.3394, 0.3324



Tritanopia

63.9951, 0.3189, 0.3115

Trichromacy



Original Color

63.9078, 0.3316, 0.3380

Protanomaly

63.6546, 0.3269, 0.3381

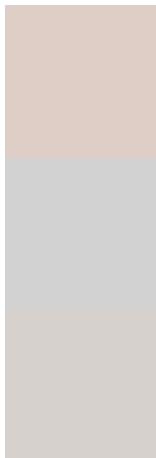
Deuteranomaly

63.4934, 0.3360, 0.3335

Tritanomaly

63.8964, 0.3238, 0.3213

Monochromacy



Original Color

63.9078, 0.3316, 0.3380

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5042, 0.3193, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9078, 0.3316, 0.3380 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, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(223, 206, 198)  
}
```

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, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 206, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.9078, 0.3316, 0.3380 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, 206, 198) }
```

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

```
.border{ border-color:rgb(223, 206, 198) }
```

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

Here you see how a box with a 4 pixel rgb(223, 206, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(223, 206,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9078, 0.3316, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 206, 198) }
```

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

```
.background{ background-color: rgb(223,  
206, 198) }
```

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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