

Converting Colors

Yxy(57.8628, 0.3319, 0.3468)

Have a look what the booklet for
Yxy(57.8628, 0.3319, 0.3468)
contains.

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Color

Yxy(57.8628, 0.3319, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7B8
RGB	209, 199, 184
RGB Percent	82%, 78%, 72%
CMY	0.1803, 0.2196, 0.2783
CMYK	0.00, 0.05, 0.12, 0.18
HSL	36°, 21%, 77%
HSV	36°, 12%, 82%
XYZ	55.3768, 57.8628, 53.6082
YIQ	200.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

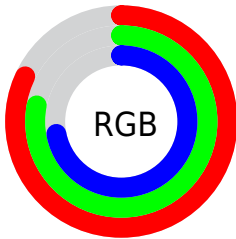
Format	Color
R _Y B	201, 209, 184
Decimal	13748152
CIE Lab	80.66, 0.96, 8.73
CIE LCh	81, 8.786, 83.745
Yxy	57.8628, 0.3319, 0.3468
Android (android.graphics.Color)	4291938232 (0xFFD1C7B8)
YUV	200.2800, -8.0260, 7.6474
Hunter-Lab	76.0676, -3.1713, 11.4631

Details

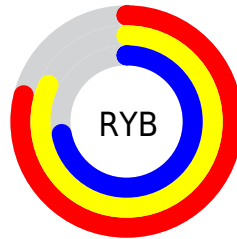
The Yxy color **57.8628, 0.3319, 0.3468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4050, 0.2942, 0.3105**, and the grayscale version is **57.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **28.7595, 0.3365, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **53.2991, 0.3500, 0.3625**, and if you desaturate by 10%, it is **62.7738, 0.3157, 0.3318**.

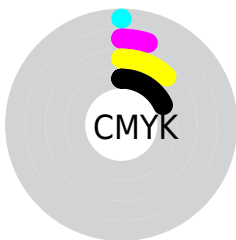
Distribution



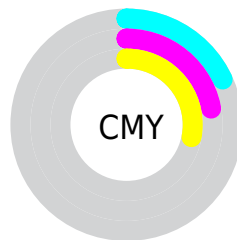
- Red (82%)
- Green (78%)
- Blue (72%)



- Red (79%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8628, 0.3319, 0.3468 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 57.8628, 0.3319, 0.3468 by changing the saturation by 10% instead.


 57.8628, 0.3319,
0.3468

 57.8628, 0.3319,
0.3468


416.6745, 0.3226,
0.3382

 41.6984, 0.3341,
0.3488


 101.7230, 0.3286,
0.3438

 28.8652, 0.3369,
0.3514


130.1876, 0.3273,
0.3426

 18.9788, 0.3405,
0.3547


163.5210, 0.3263,
0.3416

 11.6550, 0.3455,
0.3592

202.1077, 0.3254,
0.3408

 6.5092, 0.3524,
0.3656

246.3320, 0.3245,
0.3400

 3.1571, 0.3632,
0.3753

296.5783, 0.3238,

 1.2143, 0.3851,

0.3393

353.2310, 0.3232,
0.3388

0.3953

0.0733, 0.5593,
0.4407

0.0000, 0.0000,
0.0000

57.8628, 0.3319,
0.3468

57.8628, 0.3319,
0.3468

53.2991, 0.3500,
0.3625

62.7738, 0.3157,
0.3318

49.0661, 0.3700,
0.3784

68.0331, 0.3013,
0.3178

45.1566, 0.3917,
0.3941

73.6514, 0.2885,
0.3047

41.5606, 0.4146,
0.4087

78.7962, 0.2842,
0.3053

■ 38.2672, 0.4381,
0.4212

■ 83.6452, 0.2847,
0.3142

■ 35.2645, 0.4610,
0.4304

■ 88.7228, 0.2852,
0.3230

■ 32.5393, 0.4822,
0.4350

■ 92.2992, 0.2855,
0.3289

■ 30.0765, 0.5004,
0.4345

■ 28.2690, 0.5130,
0.4309

Harmonies

Analogous

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



57.8628, 0.3353, 0.3399



57.8628, 0.3319, 0.3468



57.8628, 0.3234, 0.3490

Triad

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



57.8628, 0.3319, 0.3468



57.8628, 0.2933, 0.3272



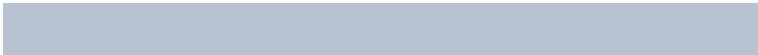
57.8628, 0.3131, 0.3131

Complementary

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



57.8628, 0.3319, 0.3468



53.4050, 0.2942, 0.3105

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.



57.8628, 0.3019, 0.3097



57.8628, 0.3319, 0.3468



57.8628, 0.2907, 0.3176

Square

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



57.8628, 0.3319, 0.3468



57.8628, 0.3011, 0.3376



57.8628, 0.2938, 0.3112



57.8628, 0.3243, 0.3206

Rectangle

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



57.8628, 0.3319, 0.3468



57.8628, 0.3160, 0.3474



57.8628, 0.2938, 0.3112



57.8628, 0.3092, 0.3115

Sweetspot

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



57.8654, 0.3319, 0.3468



96.7772, 0.3189, 0.3349



51.7639, 0.3256, 0.3166



20.5867, 0.3201, 0.3360



0.0000, 0.0000, 0.0000



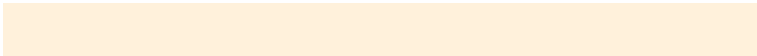
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8654, 0.3319, 0.3468



89.1101, 0.3357, 0.3502



62.3330, 0.3288, 0.3585



12.9686, 0.3276, 0.3429



17.6225, 0.5113, 0.4322



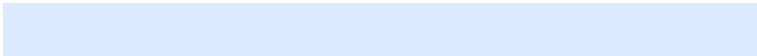
1.1385, 0.4900, 0.4491

Inverse Universe

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



53.4050, 0.2942, 0.3105



80.9575, 0.2906, 0.3069



49.3468, 0.2955, 0.2981



12.1850, 0.2982, 0.3147



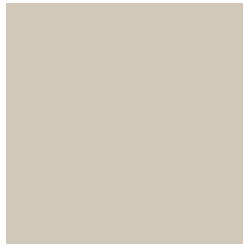
6.9148, 0.1689, 0.1278



0.5403, 0.1791, 0.1647

Previews

White Background



This preview shows how the Yxy color 57.8628, 0.3319, 0.3468 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 57.8628, 0.3319, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

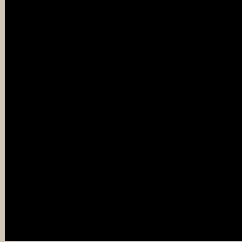
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

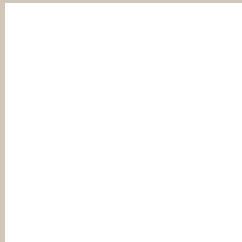
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8628, 0.3319, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 57.8628, 0.3319, 0.3468.

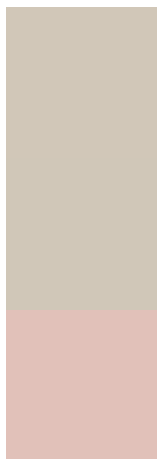


This preview shows how white text looks on a background with the Yxy color 57.8628, 0.3319, 0.3468.

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

57.8628, 0.3319, 0.3468

Protanopia

57.7174, 0.3311, 0.3469

Deuteranopia

57.6503, 0.3454, 0.3382



Tritanopia

57.8295, 0.3159, 0.3118

Trichromacy



Original Color

57.8628, 0.3319, 0.3468

Protanomaly

57.7174, 0.3311, 0.3469

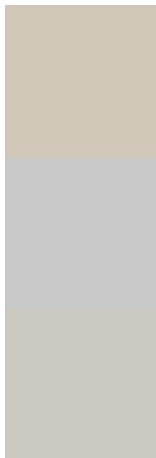
Deuteranomaly

57.5931, 0.3400, 0.3407

Tritanomaly

57.6940, 0.3218, 0.3232

Monochromacy



Original Color

57.8628, 0.3319, 0.3468

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9001, 0.3194, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8628, 0.3319, 0.3468 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(209, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 184)  
}
```

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(209, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 184) }
```

Border

The CSS property to change the border of an element to Yxy 57.8628, 0.3319, 0.3468 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(209, 199, 184) }
```

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

```
.border{ border-color:rgb(209, 199, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8628, 0.3319, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 184) }
```

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

```
.background{ background-color: rgb(209,  
199, 184) }
```

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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