

Converting Colors

Yxy(59.9376, 0.3332, 0.3477)

Have a look what the booklet for
Yxy(59.9376, 0.3332, 0.3477)
contains.

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Color

Yxy(59.9324, 0.3332, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	D5CABA
RGB	213, 202, 186
RGB Percent	84%, 79%, 73%
CMY	0.1646, 0.2079, 0.2705
CMYK	0.00, 0.05, 0.13, 0.16
HSL	35°, 24%, 78%
HSV	35°, 13%, 84%
XYZ	57.4331, 59.9324, 55.0027
YIQ	203.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

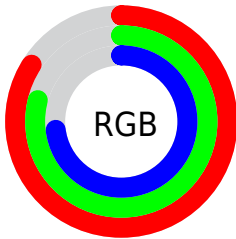
Format	Color
R _Y B	205, 213, 186
Decimal	14011066
CIE Lab	81.80, 1.15, 9.34
CIE LCh	82, 9.411, 82.956
Yxy	59.9324, 0.3332, 0.3477
Android (android.graphics.Color)	4292201146 (0xFFD5CABA)
YUV	203.4650, -8.6102, 8.3622
Hunter-Lab	77.4160, -3.0532, 12.0667

Details

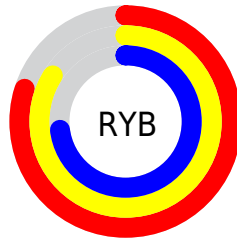
The Yxy color **59.9324, 0.3332, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2065, 0.2930, 0.3096**, and the grayscale version is **60.0830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **30.1424, 0.3381, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **55.1239, 0.3515, 0.3632**, and if you desaturate by 10%, it is **65.1119, 0.3168, 0.3328**.

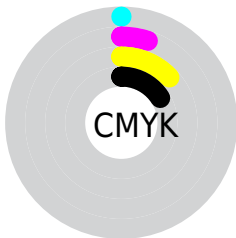
Distribution



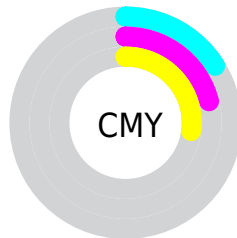
- Red (84%)
- Green (79%)
- Blue (73%)



- Red (80%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9324, 0.3332, 0.3477 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 59.9324, 0.3332, 0.3477 by changing the saturation by 10% instead.

■ 59.9324, 0.3332,
0.3477

■ 59.9324, 0.3332,
0.3477

424.3486, 0.3234,
0.3388

■ 43.3641, 0.3355,
0.3498

■ 104.7316, 0.3297,
0.3445

■ 30.1709, 0.3385,
0.3525

133.7313, 0.3284,
0.3433

■ 19.9684, 0.3423,
0.3559

167.6437, 0.3272,
0.3423

■ 12.3721, 0.3474,
0.3605

206.8531, 0.3263,
0.3414

■ 6.9976, 0.3546,
0.3669

251.7438, 0.3254,
0.3406

■ 3.4606, 0.3656,
0.3766

302.7004, 0.3246,

■ 1.3767, 0.3855,

0.3399

0.3941

360.1072, 0.3240,
0.3393

■ 0.1994, 0.5219,
0.4781

■ 0.0000, 0.0000,
0.0000

■ 59.9324, 0.3332,
0.3477

■ 59.9324, 0.3332,
0.3477

■ 55.1239, 0.3515,
0.3632

■ 65.1119, 0.3168,
0.3328

■ 50.6687, 0.3718,
0.3790

■ 70.6637, 0.3022,
0.3189

■ 46.5591, 0.3938,
0.3945

■ 76.5993, 0.2894,
0.3059

■ 42.7844, 0.4170,
0.4089

■ 81.8373, 0.2869,
0.3100

■ 39.3327, 0.4408,
0.4210

■ 86.9977, 0.2873,
0.3192

■ 36.1914, 0.4640,
0.4297

■ 92.4062, 0.2877,
0.3281

■ 33.3462, 0.4854,
0.4338

■ 92.8918, 0.2877,
0.3289

■ 30.7808, 0.5037,
0.4326

■ 29.0639, 0.5153,
0.4290

Harmonies

Analogous

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



59.9324, 0.3366, 0.3402



59.9324, 0.3332, 0.3477



59.9324, 0.3243, 0.3502

Triad

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



59.9324, 0.3332, 0.3477



59.9324, 0.2924, 0.3274



59.9324, 0.3127, 0.3121

Complementary

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



59.9324, 0.3332, 0.3477



55.2065, 0.2930, 0.3096

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.



59.9324, 0.3010, 0.3085



59.9324, 0.3332, 0.3477



59.9324, 0.2894, 0.3171

Square

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



59.9324, 0.3332, 0.3477



59.9324, 0.3007, 0.3384



59.9324, 0.2925, 0.3103



59.9324, 0.3247, 0.3199

Rectangle

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



59.9324, 0.3332, 0.3477



59.9324, 0.3165, 0.3486



59.9324, 0.2925, 0.3103



59.9324, 0.3086, 0.3103

Sweetspot

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



59.9350, 0.3332, 0.3477



96.7291, 0.3189, 0.3348



53.3195, 0.3265, 0.3158



20.5746, 0.3201, 0.3359



0.0000, 0.0000, 0.0000



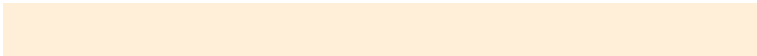
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9350, 0.3332, 0.3477



88.2043, 0.3375, 0.3515



64.9704, 0.3298, 0.3603



13.6291, 0.3276, 0.3428



17.9520, 0.5135, 0.4304



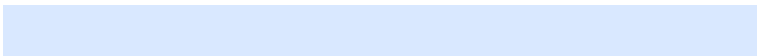
1.2438, 0.4930, 0.4468

Inverse Universe

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



55.2065, 0.2930, 0.3096



79.8631, 0.2890, 0.3055



50.6552, 0.2944, 0.2960



12.8339, 0.2982, 0.3148



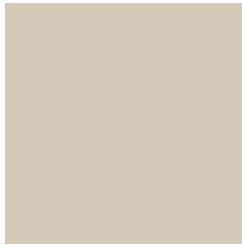
7.2938, 0.1694, 0.1299



0.6005, 0.1790, 0.1643

Previews

White Background



This preview shows how the Yxy color 59.9324, 0.3332, 0.3477 looks on a white background.

Color Contrast Check

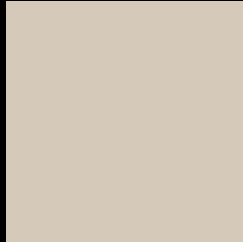
Large Text (above 18pt) WCAG AA × Fail

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 59.9324, 0.3332, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

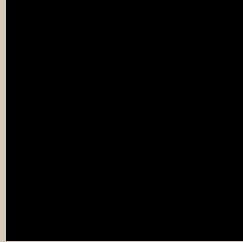
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

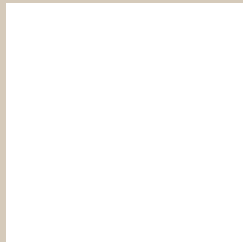
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9324, 0.3332, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 59.9324, 0.3332, 0.3477.

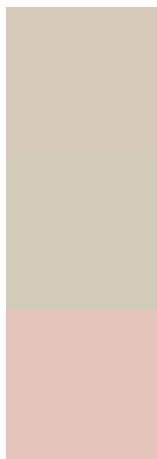


This preview shows how white text looks on a background with the Yxy color 59.9324, 0.3332, 0.3477.

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

59.9324, 0.3332, 0.3477

Protanopia

60.1059, 0.3314, 0.3490

Deuteranopia

59.7257, 0.3466, 0.3392



Tritanopia

59.9440, 0.3166, 0.3121

Trichromacy



Original Color

59.9324, 0.3332, 0.3477

Protanomaly

60.2541, 0.3322, 0.3489

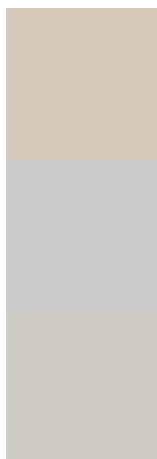
Deuteranomaly

59.6640, 0.3412, 0.3416

Tritanomaly

59.7576, 0.3232, 0.3245

Monochromacy



Original Color

59.9324, 0.3332, 0.3477

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0085, 0.3201, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9324, 0.3332, 0.3477 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(213, 202, 186)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 186)  
}
```

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(213, 202, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.9324, 0.3332, 0.3477 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(213, 202, 186) }
```

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

```
.border{ border-color:rgb(213, 202, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 202, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 202, 186); box-shadow:4px 4px 4px 4px rgb(213, 202, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9324, 0.3332, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 186) }
```

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

```
.background{ background-color: rgb(213,  
202, 186) }
```

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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