

Converting Colors

Yxy(59.4447, 0.3357, 0.3340)

Have a look what the booklet for
Yxy(59.4447, 0.3357, 0.3340)
contains.

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Color

Yxy(59.3124, 0.3359, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	DEC5C1
RGB	222, 197, 193
RGB Percent	87%, 77%, 76%
CMY	0.1293, 0.2275, 0.2431
CMYK	0.00, 0.11, 0.13, 0.13
HSL	8°, 31%, 81%
HSV	8°, 13%, 87%
XYZ	59.7213, 59.3124, 58.7612
YIQ	204.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

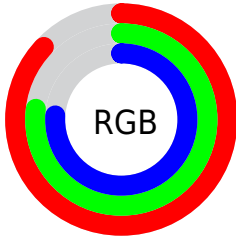
Format	Color
R_{YB}	222, 198, 193
Decimal	14599617
CIE Lab	81.46, 8.15, 5.21
CIE LCh	81, 9.675, 32.565
Yxy	59.3124, 0.3359, 0.3336
Android (android.graphics.Color)	4292789697 (0xFFDEC5C1)
YUV	204.0190, -5.4324, 15.7693
Hunter-Lab	77.0145, 3.6433, 8.6726

Details

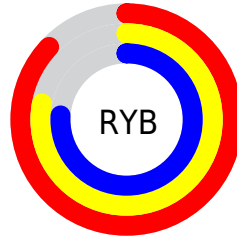
The Yxy color **59.3124, 0.3359, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7758, 0.2927, 0.3244**, and the grayscale version is **60.4266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9832, 0.3162, 0.3338**, and **29.7539, 0.3419, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **50.2447, 0.3583, 0.3374**, and if you desaturate by 10%, it is **69.6393, 0.3176, 0.3300**.

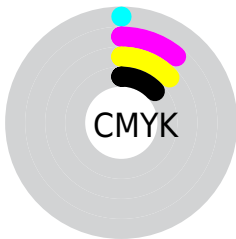
Distribution



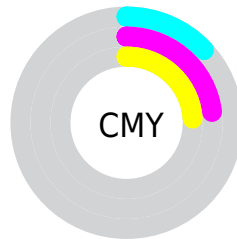
- Red (87%)
- Green (77%)
- Blue (76%)



- Red (87%)
- Yellow (78%)
- Blue (76%)



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





- Cyan (13%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3124, 0.3359, 0.3336 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 59.3124, 0.3359, 0.3336 by changing the saturation by 10% instead.

 59.3124, 0.3359,
0.3336

 59.3124, 0.3359,
0.3336


422.0586, 0.3247,
0.3315

 42.8647, 0.3386,
0.3341


 103.8316, 0.3319,
0.3329

 29.7789, 0.3420,
0.3347


132.6718, 0.3304,
0.3326

 19.6709, 0.3463,
0.3354


166.4116, 0.3291,
0.3324

 12.1560, 0.3523,
0.3363

205.4354, 0.3280,
0.3321

 6.8500, 0.3607,
0.3375

250.1276, 0.3270,
0.3319

 3.3685, 0.3738,
0.3392

300.8727, 0.3262,

 1.3270, 0.3964,

0.3318

0.3415

358.0549, 0.3254,
0.3316

0.1620, 0.6855,
0.3145

0.0000, 0.0000,
0.0000

59.3124, 0.3359,
0.3336

59.3124, 0.3359,
0.3336

50.2447, 0.3583,
0.3374

69.6393, 0.3176,
0.3300

42.3803, 0.3855,
0.3413

81.2627, 0.3027,
0.3268

35.6709, 0.4182,
0.3450

93.9271, 0.2929,
0.3284

30.0619, 0.4563,
0.3482

94.2725, 0.2929,
0.3289

■ 25.4941, 0.4989,
0.3501

■ 21.9030, 0.5430,
0.3502

■ 19.2166, 0.5834,
0.3477

■ 17.3525, 0.6144,
0.3427

■ 16.4858, 0.6290,
0.3388

Harmonies

Analogous

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



59.3124, 0.3285, 0.3228



59.3124, 0.3359, 0.3336



59.3124, 0.3370, 0.3435

Triad

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



59.3124, 0.3359, 0.3336



59.3124, 0.3083, 0.3451



59.3124, 0.2942, 0.3085

Complementary

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



59.3124, 0.3359, 0.3336



66.7758, 0.2927, 0.3244

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.



59.3124, 0.2890, 0.3140



59.3124, 0.3359, 0.3336



59.3124, 0.2971, 0.3352

Square

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



59.3124, 0.3359, 0.3336



59.3124, 0.3209, 0.3505



59.3124, 0.2901, 0.3237



59.3124, 0.3043, 0.3085

Rectangle

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



59.3124, 0.3359, 0.3336



59.3124, 0.3339, 0.3482



59.3124, 0.2901, 0.3237



59.3124, 0.2918, 0.3098

Sweetspot

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



59.3150, 0.3359, 0.3336



93.8740, 0.3192, 0.3304



58.7492, 0.3171, 0.3011



19.8532, 0.3205, 0.3306



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.



59.3150, 0.3359, 0.3336



77.2079, 0.3423, 0.3347



66.1630, 0.3337, 0.3497



14.0025, 0.3289, 0.3323



9.8841, 0.6272, 0.3402



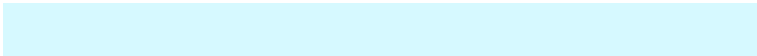
0.7838, 0.6025, 0.3598

Inverse Universe

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



66.7758, 0.2927, 0.3244



89.5438, 0.2882, 0.3232



59.6339, 0.2923, 0.3074



15.2345, 0.2982, 0.3257



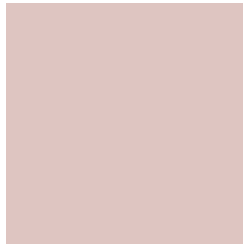
25.5211, 0.2125, 0.2851



1.8587, 0.2146, 0.2925

Previews

White Background



This preview shows how the Yxy color 59.3124, 0.3359, 0.3336 looks on a white background.

Color Contrast Check

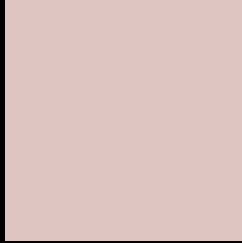
Large Text (above 18pt) WCAG AA × Fail

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 59.3124, 0.3359, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

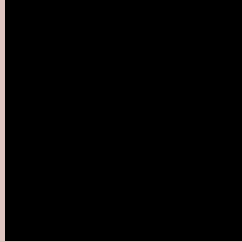
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3124, 0.3359, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 59.3124, 0.3359, 0.3336.

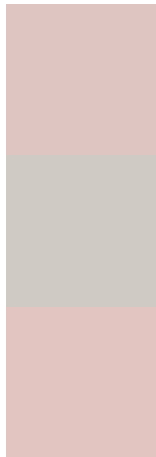


This preview shows how white text looks on a background with the Yxy color 59.3124, 0.3359, 0.3336.

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

59.3124, 0.3359, 0.3336

Protanopia

59.6365, 0.3217, 0.3361

Deuteranopia

59.4989, 0.3393, 0.3325



Tritanopia

59.0840, 0.3248, 0.3112

Trichromacy



Original Color

59.3124, 0.3359, 0.3336

Protanomaly

59.3948, 0.3267, 0.3348

Deuteranomaly

59.3377, 0.3385, 0.3325

Tritanomaly

59.0778, 0.3285, 0.3189

Monochromacy



Original Color

59.3124, 0.3359, 0.3336

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7923, 0.3213, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3124, 0.3359, 0.3336 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(222, 197, 193)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 193)  
}
```

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(222, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 193) }
```

Border

The CSS property to change the border of an element to Yxy 59.3124, 0.3359, 0.3336 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(222, 197, 193) }
```

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

```
.border{ border-color:rgb(222, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3124, 0.3359, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 193) }
```

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

```
.background{ background-color: rgb(222,  
197, 193) }
```

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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