

Converting Colors

Yxy(53.8688, 0.3485, 0.3363)

Have a look what the booklet for
Yxy(53.8688, 0.3485, 0.3363)
contains.

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Color

Yxy(53.9427, 0.3484, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAB4
RGB	222, 186, 180
RGB Percent	87%, 73%, 71%
CMY	0.1295, 0.2705, 0.2942
CMYK	0.00, 0.16, 0.19, 0.13
HSL	9°, 39%, 79%
HSV	9°, 19%, 87%
XYZ	55.9168, 53.9427, 50.6365
YIQ	196.0800, 23.3820, 5.7660

Conversions

Conversions Part 2

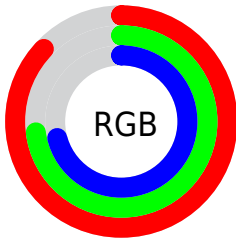
Format	Color
RYB	222, 187, 180
Decimal	14596788
CIELab	78.43, 11.94, 7.86
CIElCh	78, 14.292, 33.340
Yxy	53.9427, 0.3484, 0.3361
Android (android.graphics.Color)	4292786868 (0xFFDEBAB4)
YUV	196.0800, -7.9274, 22.7318
Hunter-Lab	73.4457, 7.3684, 10.5350

Details

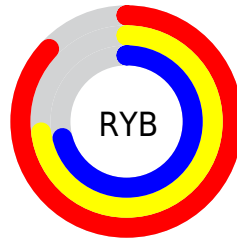
The Yxy color **53.9427, 0.3484, 0.3361** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0658, 0.2840, 0.3218**, and the grayscale version is **55.2905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8204, 0.3250, 0.3349**, and **26.4144, 0.3580, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **45.6258, 0.3734, 0.3401**, and if you desaturate by 10%, it is **63.4754, 0.3279, 0.3322**.

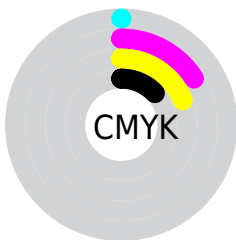
Distribution



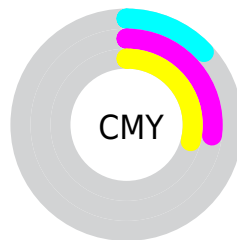
- Red (87%)
- Green (73%)
- Blue (71%)



- Red (87%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9427, 0.3484, 0.3361 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 53.9427, 0.3484, 0.3361 by changing the saturation by 10% instead.

 53.9427, 0.3484,
0.3361

 53.9427, 0.3484,
0.3361


401.8915, 0.3309,
0.3329

 38.5559, 0.3527,
0.3368


 95.9901, 0.3421,
0.3350

 26.4144, 0.3581,
0.3377


123.4195, 0.3397,
0.3346

 17.1339, 0.3653,
0.3387


155.6318, 0.3377,
0.3342

 10.3300, 0.3751,
0.3400

193.0114, 0.3359,
0.3339

 5.6183, 0.3894,
0.3417

235.9428, 0.3344,
0.3336

 2.6144, 0.4120,
0.3436

284.8104, 0.3331,

 0.9339, 0.4666,

0.3333

0.3557

339.9985, 0.3319,
0.3331

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9427, 0.3484,
0.3361

53.9427, 0.3484,
0.3361

45.6258, 0.3734,
0.3401

63.4754, 0.3279,
0.3322

38.4686, 0.4037,
0.3442

74.2624, 0.3111,
0.3286

32.4217, 0.4395,
0.3478

86.3496, 0.2973,
0.3253

27.4291, 0.4802,
0.3504

94.2674, 0.2929,
0.3289

■ 23.4299, 0.5239,
0.3514

■ 20.3570, 0.5664,
0.3500

■ 18.1347, 0.6020,
0.3459

■ 16.6713, 0.6260,
0.3399

■ 16.5525, 0.6282,
0.3394

Harmonies

Analogous

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



53.9427, 0.3371, 0.3199



53.9427, 0.3484, 0.3361



53.9427, 0.3497, 0.3511

Triad

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



53.9427, 0.3484, 0.3361



53.9427, 0.3053, 0.3535



53.9427, 0.2849, 0.2979

Complementary

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



53.9427, 0.3484, 0.3361



64.0658, 0.2840, 0.3218

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.



53.9427, 0.2770, 0.3056



53.9427, 0.3484, 0.3361



53.9427, 0.2885, 0.3379

Square

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



53.9427, 0.3484, 0.3361



53.9427, 0.3245, 0.3619



53.9427, 0.2783, 0.3202



53.9427, 0.3002, 0.2982

Rectangle

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



53.9427, 0.3484, 0.3361



53.9427, 0.3448, 0.3584



53.9427, 0.2783, 0.3202



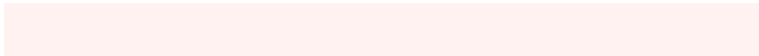
53.9427, 0.2813, 0.2996

Sweetspot

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



53.9451, 0.3484, 0.3361



90.9755, 0.3227, 0.3312



53.1420, 0.3193, 0.2882



19.2705, 0.3238, 0.3314



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.



53.9451, 0.3484, 0.3361



68.8121, 0.3585, 0.3378



63.2475, 0.3441, 0.3594



14.0162, 0.3288, 0.3324



9.9301, 0.6263, 0.3409



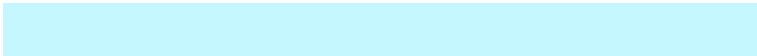
0.7903, 0.6010, 0.3610

Inverse Universe

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



64.0658, 0.2840, 0.3218



85.2703, 0.2778, 0.3200



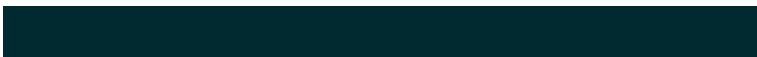
54.1782, 0.2826, 0.2967



15.2195, 0.2982, 0.3255



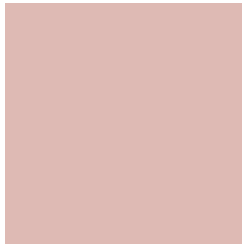
25.1704, 0.2120, 0.2830



1.8377, 0.2141, 0.2908

Previews

White Background



This preview shows how the Yxy color 53.9427, 0.3484, 0.3361 looks on a white background.

Color Contrast Check

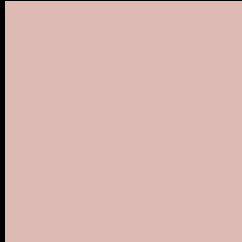
Large Text (above 18pt) WCAG AA × Fail

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 53.9427, 0.3484, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

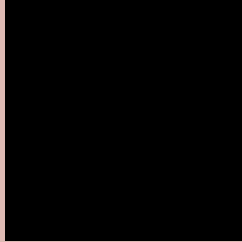
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9427, 0.3484, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 53.9427, 0.3484, 0.3361.



This preview shows how white text looks on a background with the Yxy color 53.9427, 0.3484, 0.3361.

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

53.9427, 0.3484, 0.3361

Protanopia

53.8800, 0.3253, 0.3400

Deuteranopia

53.7414, 0.3447, 0.3373



Tritanopia

53.7915, 0.3356, 0.3120

Trichromacy



Original Color

53.9427, 0.3484, 0.3361

Protanomaly

53.6557, 0.3332, 0.3375

Deuteranomaly

53.8960, 0.3456, 0.3373

Tritanomaly

53.7305, 0.3404, 0.3210

Monochromacy



Original Color

53.9427, 0.3484, 0.3361

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3961, 0.3249, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9427, 0.3484, 0.3361 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, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 180)  
}
```

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, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.9427, 0.3484, 0.3361 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, 186, 180) }
```

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

```
.border{ border-color:rgb(222, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9427, 0.3484, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 180) }
```

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

```
.background{ background-color: rgb(222,  
186, 180) }
```

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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