

Converting Colors

$Yxy(54.6450, 0.3561, 0.3457)$

Have a look what the booklet for
Yxy(54.6450, 0.3561, 0.3457)
contains.

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Color

Yxy(54.4051, 0.3558, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	E0BBAD
RGB	224, 187, 173
RGB Percent	88%, 73%, 68%
CMY	0.1215, 0.2667, 0.3215
CMYK	0.00, 0.17, 0.23, 0.12
HSL	16°, 45%, 78%
HSV	16°, 23%, 88%
XYZ	56.0595, 54.4051, 47.0944
YIQ	196.4670, 26.5460, 3.4900

Conversions

Conversions Part 2

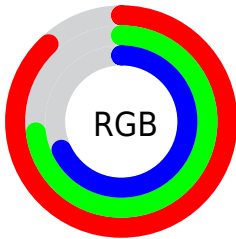
Format	Color
RYB	224, 192, 173
Decimal	14728109
CIELab	78.70, 11.14, 12.02
CIELCh	79, 16.386, 47.184
Yxy	54.4051, 0.3558, 0.3453
Android (android.graphics.Color)	4292918189 (0xFFE0BBAD)
YUV	196.4670, -11.5692, 24.1464
Hunter-Lab	73.7598, 6.5852, 13.7762

Details

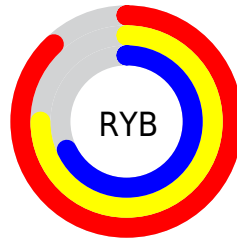
The Yxy color **54.4051, 0.3558, 0.3453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3863, 0.2778, 0.3121**, and the grayscale version is **55.5591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9626, 0.3299, 0.3438**, and **26.7555, 0.3669, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **47.0973, 0.3808, 0.3529**, and if you desaturate by 10%, it is **62.6449, 0.3347, 0.3379**.

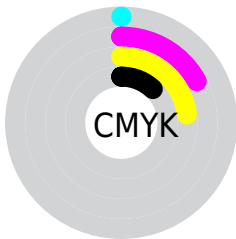
Distribution



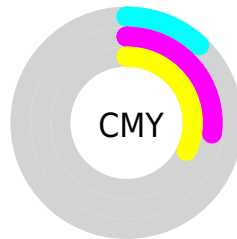
- Red (88%)
- Green (73%)
- Blue (68%)



- Red (88%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4051, 0.3558, 0.3453 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 54.4051, 0.3558, 0.3453 by changing the saturation by 10% instead.


 54.4051, 0.3558,
0.3453

 54.4051, 0.3558,
0.3453


403.6529, 0.3347,
0.3377

 38.9256, 0.3610,
0.3470


 96.6688, 0.3482,
0.3427

 26.7019, 0.3675,
0.3492


124.2218, 0.3453,
0.3416

 17.3494, 0.3761,
0.3518


156.5681, 0.3429,
0.3408

 10.4840, 0.3878,
0.3552

194.0921, 0.3408,
0.3400

 5.7210, 0.4047,
0.3598

237.1782, 0.3389,
0.3393

 2.6762, 0.4311,
0.3657

286.2107, 0.3373,

 0.9651, 0.5131,

0.3387

0.4005

341.5742, 0.3359,
0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4051, 0.3558,
0.3453

54.4051, 0.3558,
0.3453

47.0973, 0.3808,
0.3529

62.6449, 0.3347,
0.3379

40.6807, 0.4101,
0.3604

71.8406, 0.3171,
0.3309

35.1227, 0.4436,
0.3670

82.0247, 0.3023,
0.3243

30.3856, 0.4806,
0.3718

92.7244, 0.2940,
0.3260

■ 26.4287, 0.5191,
0.3737

■ 94.5901, 0.2941,
0.3289

■ 23.2076, 0.5558,
0.3716

■ 20.6727, 0.5867,
0.3650

■ 19.2279, 0.6044,
0.3583

Harmonies

Analogous

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



54.4051, 0.3479, 0.3269



54.4051, 0.3558, 0.3453



54.4051, 0.3517, 0.3603

Triad

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



54.4051, 0.3558, 0.3453



54.4051, 0.2947, 0.3495



54.4051, 0.2881, 0.2926

Complementary

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



54.4051, 0.3558, 0.3453



60.3863, 0.2778, 0.3121

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.



54.4051, 0.2749, 0.2971



54.4051, 0.3558, 0.3453



54.4051, 0.2786, 0.3296

Square

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



54.4051, 0.3558, 0.3453



54.4051, 0.3160, 0.3637



54.4051, 0.2715, 0.3103



54.4051, 0.3082, 0.2973

Rectangle

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



54.4051, 0.3558, 0.3453



54.4051, 0.3428, 0.3662



54.4051, 0.2715, 0.3103



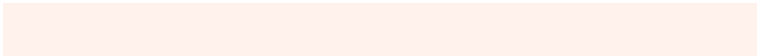
54.4051, 0.2828, 0.2930

Sweetspot

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



54.4076, 0.3558, 0.3453



90.9116, 0.3243, 0.3338



50.4214, 0.3265, 0.2869



19.2976, 0.3253, 0.3342



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.



54.4076, 0.3558, 0.3453



68.4807, 0.3664, 0.3487



66.0150, 0.3497, 0.3732



14.3086, 0.3285, 0.3355



11.3552, 0.6017, 0.3604



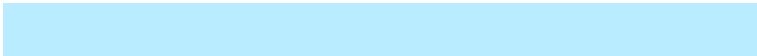
0.9343, 0.5713, 0.3846

Inverse Universe

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



60.3863, 0.2778, 0.3121



77.7474, 0.2712, 0.3084



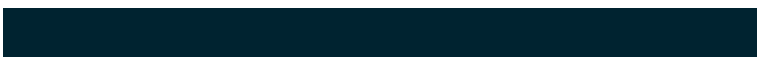
48.9362, 0.2754, 0.2806



14.9040, 0.2982, 0.3224



18.5040, 0.1994, 0.2378



1.4296, 0.2038, 0.2535

Previews

White Background



This preview shows how the Yxy color 54.4051, 0.3558, 0.3453 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 54.4051, 0.3558, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

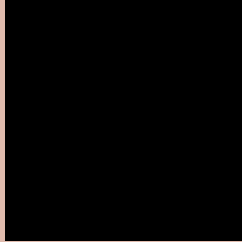
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4051, 0.3558, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 54.4051, 0.3558, 0.3453.



This preview shows how white text looks on a background with the Yxy color 54.4051, 0.3558, 0.3453.

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

54.4051, 0.3558, 0.3453

Protanopia

54.4544, 0.3331, 0.3498

Deuteranopia

54.5132, 0.3538, 0.3466



Tritanopia

54.2751, 0.3382, 0.3121

Trichromacy



Original Color

54.4051, 0.3558, 0.3453

Protanomaly

54.2451, 0.3412, 0.3470

Deuteranomaly

54.6715, 0.3547, 0.3465

Tritanomaly

54.1239, 0.3447, 0.3234

Monochromacy



Original Color

54.4051, 0.3558, 0.3453

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8926, 0.3272, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4051, 0.3558, 0.3453 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(224, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 173)  
}
```

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(224, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.4051, 0.3558, 0.3453 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(224, 187, 173) }
```

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

```
.border{ border-color:rgb(224, 187, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4051, 0.3558, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 173) }
```

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

```
.background{ background-color: rgb(224,  
187, 173) }
```

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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