

Converting Colors

Yxy(54.7244, 0.3571, 0.3345)

Have a look what the booklet for
Yxy(54.7244, 0.3571, 0.3345)
contains.

Yxy(54.5652, 0.3567, 0.3337)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5652, 0.3567, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	E7B8B4
RGB	231, 184, 180
RGB Percent	91%, 72%, 71%
CMY	0.0942, 0.2784, 0.2942
CMYK	0.00, 0.20, 0.22, 0.09
HSL	5°, 51%, 81%
HSV	5°, 22%, 91%
XYZ	58.3261, 54.5652, 50.6245
YIQ	197.5970, 29.2960, 8.7200

Conversions

Conversions Part 2

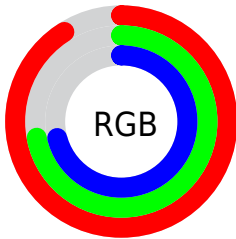
Format	Color
R _Y B	231, 184, 180
Decimal	15186100
CIE Lab	78.79, 16.31, 8.49
CIE LCh	79, 18.391, 27.498
Yxy	54.5652, 0.3567, 0.3337
Android (android.graphics.Color)	4293376180 (0xFFE7B8B4)
YUV	197.5970, -8.6753, 29.2944
Hunter-Lab	73.8683, 11.6734, 11.0743

Details

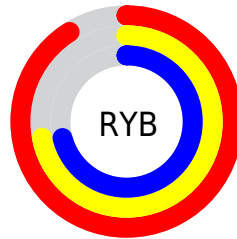
The Yxy color **54.5652, 0.3567, 0.3337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3716, 0.2796, 0.3242**, and the grayscale version is **56.2546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6363, 0.3252, 0.3329**, and **26.8789, 0.3694, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **45.5210, 0.3844, 0.3360**, and if you desaturate by 10%, it is **65.0995, 0.3342, 0.3315**.

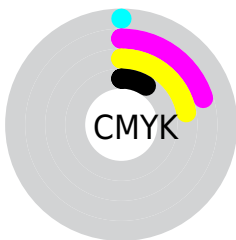
Distribution



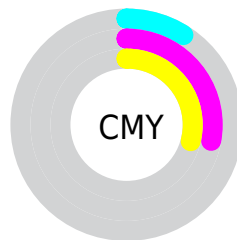
- Red (91%)
- Green (72%)
- Blue (71%)



- Red (91%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5652, 0.3567, 0.3337 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 54.5652, 0.3567, 0.3337 by changing the saturation by 10% instead.


 54.5652, 0.3567,
0.3337

 54.5652, 0.3567,
0.3337

404.2616, 0.3351,
0.3318

 39.0537, 0.3620,
0.3341

 96.9036, 0.3489,
0.3331

 26.8015, 0.3687,
0.3345

124.4993, 0.3460,
0.3328

 17.4242, 0.3774,
0.3349


156.8919, 0.3435,
0.3326

 10.5374, 0.3894,
0.3353

194.4658, 0.3414,
0.3324

 5.7567, 0.4068,
0.3356

237.6053, 0.3395,
0.3322

 2.6977, 0.4341,
0.3351

286.6948, 0.3379,

 0.9760, 0.4963,

0.3321

0.3409

342.1188, 0.3364,
0.3319

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5652, 0.3567,
0.3337

54.5652, 0.3567,
0.3337

45.5210, 0.3844,
0.3360

65.0995, 0.3342,
0.3315

37.8927, 0.4180,
0.3382

77.1791, 0.3160,
0.3294

31.6107, 0.4576,
0.3400

90.8654, 0.3013,
0.3275

26.5967, 0.5022,
0.3412

95.7251, 0.2981,
0.3290

■ 22.7644, 0.5482,
0.3411

■ 20.0165, 0.5900,
0.3394

■ 18.2404, 0.6207,
0.3363

■ 17.4277, 0.6353,
0.3338

Harmonies

Analogous

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



54.5652, 0.3400, 0.3135



54.5652, 0.3567, 0.3337



54.5652, 0.3610, 0.3536

Triad

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



54.5652, 0.3567, 0.3337



54.5652, 0.3078, 0.3637



54.5652, 0.2744, 0.2904

Complementary

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



54.5652, 0.3567, 0.3337



70.3716, 0.2796, 0.3242

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.



54.5652, 0.2666, 0.3019



54.5652, 0.3567, 0.3337



54.5652, 0.2854, 0.3447

Square

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



54.5652, 0.3567, 0.3337



54.5652, 0.3322, 0.3722



54.5652, 0.2706, 0.3217



54.5652, 0.2922, 0.2891

Rectangle

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



54.5652, 0.3567, 0.3337



54.5652, 0.3563, 0.3641



54.5652, 0.2706, 0.3217



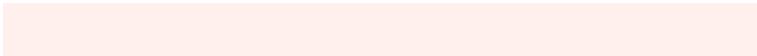
54.5652, 0.2705, 0.2931

Sweetspot

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



54.5677, 0.3567, 0.3337



88.8615, 0.3246, 0.3304



55.1959, 0.3179, 0.2776



18.8243, 0.3257, 0.3305



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.



54.5677, 0.3567, 0.3337



63.4842, 0.3673, 0.3346



65.8199, 0.3509, 0.3611



14.5505, 0.3291, 0.3309



9.8422, 0.6339, 0.3348



0.7915, 0.6183, 0.3473

Inverse Universe

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



70.3716, 0.2796, 0.3242



86.2140, 0.2740, 0.3233



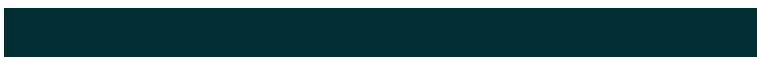
57.7456, 0.2774, 0.2946



16.1306, 0.2982, 0.3271



29.9126, 0.2178, 0.3041



2.2687, 0.2189, 0.3080

Previews

White Background



This preview shows how the Yxy color 54.5652, 0.3567, 0.3337 looks on a white background.

Color Contrast Check

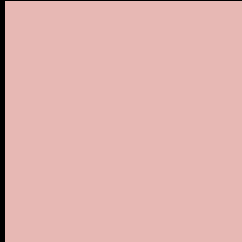
Large Text (above 18pt) WCAG AA × Fail

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 54.5652, 0.3567, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

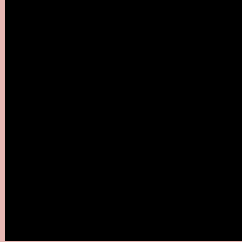
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5652, 0.3567, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 54.5652, 0.3567, 0.3337.



This preview shows how white text looks on a background with the Yxy color 54.5652, 0.3567, 0.3337.

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

54.5652, 0.3567, 0.3337

Protanopia

54.5463, 0.3244, 0.3388

Deuteranopia

54.4368, 0.3471, 0.3396



Tritanopia

54.7651, 0.3452, 0.3135

Trichromacy



Original Color

54.5652, 0.3567, 0.3337

Protanomaly

54.2847, 0.3358, 0.3362

Deuteranomaly

54.6426, 0.3508, 0.3383

Tritanomaly

54.7405, 0.3492, 0.3213

Monochromacy



Original Color

54.5652, 0.3567, 0.3337

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6032, 0.3281, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5652, 0.3567, 0.3337 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(231, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 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(231, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.5652, 0.3567, 0.3337 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(231, 184, 180) }
```

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

```
.border{ border-color:rgb(231, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5652, 0.3567, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 180) }
```

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

```
.background{ background-color: rgb(231,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor