

# Converting Colors

Yxy(52.8684, 0.3556, 0.3360)

Have a look what the booklet for  
Yxy(52.8684, 0.3556, 0.3360)  
contains.

<b>Yxy(52.7592, 0.3562, 0.3361)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(52.7592, 0.3562, 0.3361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B6B0
RGB	226, 182, 176
RGB Percent	89%, 71%, 69%
CMY	0.1139, 0.2862, 0.3099
CMYK	0.00, 0.19, 0.22, 0.11
HSL	7°, 46%, 79%
HSV	7°, 22%, 89%
XYZ	55.9144, 52.7592, 48.3011
YIQ	194.4720, 28.1500, 7.4620

# Conversions

## Conversions Part 2

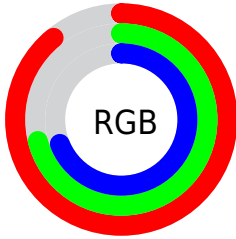
Format	Color
R <sub>Y</sub> B	226, 183, 176
Decimal	14857904
CIE Lab	77.73, 14.93, 9.08
CIE LCh	78, 17.474, 31.289
Yxy	52.7592, 0.3562, 0.3361
Android (android.graphics.Color)	4293047984 (0xFFE2B6B0)
YUV	194.4720, -9.1067, 27.6501
Hunter-Lab	72.6355, 10.2960, 11.4183

# Details

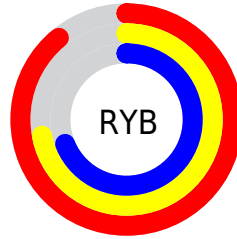
The Yxy color **52.7592, 0.3562, 0.3361** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8504, 0.2794, 0.3218**, and the grayscale version is **54.2840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2353, 0.3279, 0.3349**, and **25.7018, 0.3677, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **44.3728, 0.3832, 0.3395**, and if you desaturate by 10%, it is **62.4531, 0.3341, 0.3328**.

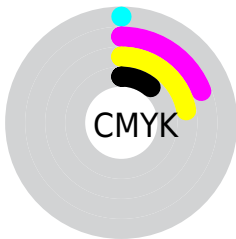
# Distribution



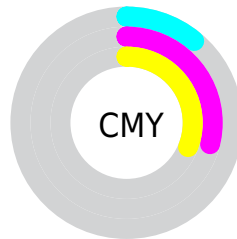
- Red (89%)
- Green (71%)
- Blue (69%)



- Red (89%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7592, 0.3562, 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 52.7592, 0.3562, 0.3361 by changing the saturation by 10% instead.





 52.7592, 0.3562,  
0.3361

 52.7592, 0.3562,  
0.3361


397.3606, 0.3347,  
0.3330

 37.6106, 0.3615,  
0.3368


 94.2499, 0.3485,  
0.3351

 25.6806, 0.3682,  
0.3375

121.3608, 0.3455,  
0.3346

 16.5848, 0.3770,  
0.3384


153.2280, 0.3431,  
0.3343

 9.9389, 0.3892,  
0.3395

190.2357, 0.3409,  
0.3340

 5.3585, 0.4069,  
0.3406

232.7684, 0.3391,  
0.3337

 2.4591, 0.4351,  
0.3414

281.2105, 0.3374,

 0.8560, 0.5150,

0.3334

0.3599

335.9465, 0.3360,  
0.3332

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.7592, 0.3562,  
0.3361

52.7592, 0.3562,  
0.3361

44.3728, 0.3832,  
0.3395

62.4531, 0.3341,  
0.3328

37.2308, 0.4158,  
0.3429

73.4994, 0.3161,  
0.3296

31.2761, 0.4541,  
0.3457

85.9501, 0.3014,  
0.3268

26.4440, 0.4970,  
0.3475

94.9001, 0.2952,  
0.3289

■ 22.6637, 0.5417,  
0.3476

■ 19.8563, 0.5830,  
0.3455

■ 17.9313, 0.6148,  
0.3411

■ 16.9597, 0.6311,  
0.3371

# Harmonies

## Analogous

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



52.7592, 0.3415, 0.3164



52.7592, 0.3562, 0.3361



52.7592, 0.3587, 0.3548

# Triad

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



52.7592, 0.3562, 0.3361



52.7592, 0.3051, 0.3605



52.7592, 0.2775, 0.2911

# Complementary

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



52.7592, 0.3562, 0.3361



65.8504, 0.2794, 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.



52.7592, 0.2687, 0.3011



52.7592, 0.3562, 0.3361



52.7592, 0.2842, 0.3414

# Square

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



52.7592, 0.3562, 0.3361



52.7592, 0.3286, 0.3701



52.7592, 0.2711, 0.3193



52.7592, 0.2957, 0.2911



# Rectangle

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



52.7592, 0.3562, 0.3361



52.7592, 0.3531, 0.3643



52.7592, 0.2711, 0.3193



52.7592, 0.2734, 0.2934

# Sweetspot

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



52.7616, 0.3562, 0.3361



89.2979, 0.3245, 0.3311



52.3775, 0.3199, 0.2802



18.9250, 0.3256, 0.3313



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.



52.7616, 0.3562, 0.3361



63.6097, 0.3692, 0.3378



63.8198, 0.3503, 0.3638



13.9663, 0.3289, 0.3319



9.7714, 0.6293, 0.3385



0.7666, 0.6065, 0.3566



# Inverse Universe

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



65.8504, 0.2794, 0.3218



83.9970, 0.2723, 0.3199



53.8071, 0.2772, 0.2915



15.2744, 0.2982, 0.3261



26.4619, 0.2140, 0.2905

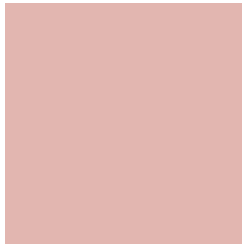


1.9150, 0.2158, 0.2970



# Previews

## White Background



This preview shows how the Yxy color 52.7592, 0.3562, 0.3361 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

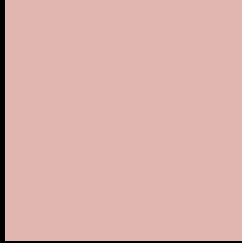
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.7592, 0.3562, 0.3361 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

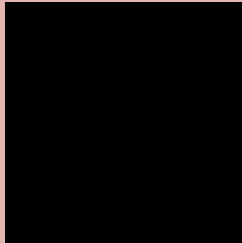
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.7592, 0.3562, 0.3361**

## Background



This preview shows how black text looks on a background with the Yxy color 52.7592, 0.3562, 0.3361.



This preview shows how white text looks on a background with the Yxy color 52.7592, 0.3562, 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

52.7592, 0.3562, 0.3361

### Protanopia

53.0412, 0.3261, 0.3426

### Deuteranopia

52.9647, 0.3482, 0.3421



## Tritanopia

52.5844, 0.3439, 0.3132

# Trichromacy



## Original Color

52.7592, 0.3562, 0.3361

## Protanomaly

52.6310, 0.3367, 0.3399

## Deuteranomaly

53.0087, 0.3511, 0.3408

## Tritanomaly

52.5613, 0.3480, 0.3211

# Monochromacy



## Original Color

52.7592, 0.3562, 0.3361

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.5366, 0.3283, 0.3327

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.7592, 0.3562, 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(226, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 176)  
}
```

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(226, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 176) }
```

## Border

The CSS property to change the border of an element to Yxy 52.7592, 0.3562, 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(226, 182, 176) }
```

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

```
.border{ border-color:rgb(226, 182, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 176);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
176) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.7592, 0.3562, 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(226, 182, 176) }
```

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

```
.background{ background-color: rgb(226,  
182, 176) }
```

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