

# Converting Colors

Yxy(52.8647, 0.3611, 0.3469)

Have a look what the booklet for  
Yxy(52.8647, 0.3611, 0.3469)  
contains.

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# Color

**Yxy(52.9554, 0.3609, 0.3478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0B8A8
RGB	224, 184, 168
RGB Percent	88%, 72%, 66%
CMY	0.1215, 0.2784, 0.3413
CMYK	0.00, 0.18, 0.25, 0.12
HSL	17°, 47%, 77%
HSV	17°, 25%, 88%
XYZ	54.9500, 52.9554, 44.3528
YIQ	194.1360, 28.9760, 3.5040

# Conversions

## Conversions Part 2

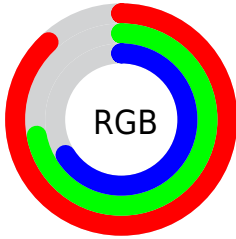
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 190, 168
Decimal	14727336
CIE <sub>Lab</sub>	77.85, 12.01, 13.55
CIE <sub>LCh</sub>	78, 18.107, 48.449
Yxy	52.9554, 0.3609, 0.3478
Android (android.graphics.Color)	4292917416 (0xFFE0B8A8)
YUV	194.1360, -12.8850, 26.1907
Hunter-Lab	72.7705, 7.4395, 14.8027

# Details

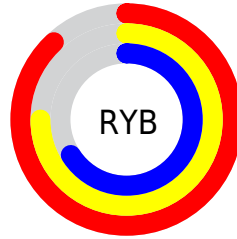
The Yxy color **52.9554, 0.3609, 0.3478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.8053, 0.2743, 0.3094**, and the grayscale version is **54.0991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **25.8184, 0.3741, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **45.9208, 0.3866, 0.3558**, and if you desaturate by 10%, it is **60.8898, 0.3391, 0.3400**.

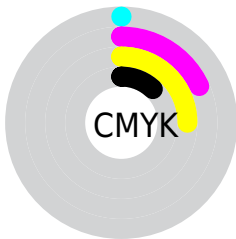
# Distribution



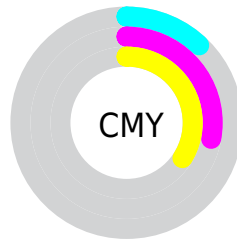
- Red (88%)
- Green (72%)
- Blue (66%)



- Red (88%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9554, 0.3609, 0.3478 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 52.9554, 0.3609, 0.3478 by changing the saturation by 10% instead.





 52.9554, 0.3609,  
0.3478


 52.9554, 0.3609,  
0.3478


398.1140, 0.3371,  
0.3390

 37.7672, 0.3667,  
0.3498


 94.5387, 0.3523,  
0.3448

 25.8020, 0.3741,  
0.3522


 121.7026, 0.3491,  
0.3436

 16.6756, 0.3839,  
0.3553


153.6272, 0.3464,  
0.3426

 10.0035, 0.3972,  
0.3592

190.6968, 0.3440,  
0.3417

 5.4013, 0.4165,  
0.3642

233.2959, 0.3419,  
0.3409

 2.4846, 0.4467,  
0.3707

281.8089, 0.3401,

 0.8689, 0.5697,

0.3402

336.6201, 0.3385,  
0.3396

0.4303

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.9554, 0.3609,  
0.3478

52.9554, 0.3609,  
0.3478

45.9208, 0.3866,  
0.3558

60.8898, 0.3391,  
0.3400

39.7465, 0.4166,  
0.3634

69.7472, 0.3208,  
0.3325

34.4006, 0.4506,  
0.3700

79.5592, 0.3054,  
0.3256

29.8464, 0.4876,  
0.3745

90.1869, 0.2939,  
0.3218

■ 26.0442, 0.5254,  
0.3758

■ 94.5901, 0.2941,  
0.3289

■ 22.9506, 0.5608,  
0.3728

■ 20.5168, 0.5897,  
0.3652

■ 19.5278, 0.6016,  
0.3605

# Harmonies

## Analogous

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



52.9554, 0.3526, 0.3274



52.9554, 0.3609, 0.3478



52.9554, 0.3557, 0.3643

# Triad

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



52.9554, 0.3609, 0.3478



52.9554, 0.2917, 0.3511



52.9554, 0.2861, 0.2886

# Complementary

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



52.9554, 0.3609, 0.3478



58.8053, 0.2743, 0.3094

# 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.



52.9554, 0.2711, 0.2930



52.9554, 0.3609, 0.3478



52.9554, 0.2742, 0.3286

# Square

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



52.9554, 0.3609, 0.3478



52.9554, 0.3152, 0.3674



52.9554, 0.2668, 0.3073



52.9554, 0.3087, 0.2942



# Rectangle

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



52.9554, 0.3609, 0.3478



52.9554, 0.3454, 0.3707



52.9554, 0.2668, 0.3073



52.9554, 0.2801, 0.2889

# Sweetspot

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



52.9578, 0.3609, 0.3478



89.8128, 0.3260, 0.3347



48.4029, 0.3289, 0.2836



18.8334, 0.3287, 0.3359



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.



52.9578, 0.3609, 0.3478



65.9832, 0.3737, 0.3519



65.6992, 0.3534, 0.3787



14.3361, 0.3285, 0.3358



11.5350, 0.5989, 0.3627



0.9498, 0.5684, 0.3869

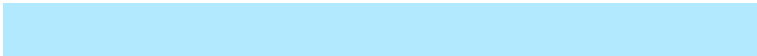


# Inverse Universe

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



58.8053, 0.2743, 0.3094



75.0853, 0.2666, 0.3047



46.3902, 0.2712, 0.2739



14.8749, 0.2982, 0.3221



17.9539, 0.1982, 0.2335



1.3951, 0.2028, 0.2499



# Previews

## White Background



This preview shows how the Yxy color 52.9554, 0.3609, 0.3478 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

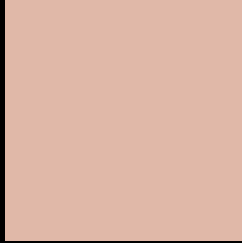
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.9554, 0.3609, 0.3478 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

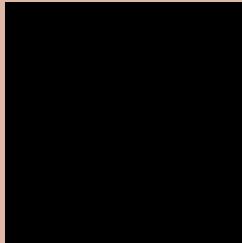
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.9554, 0.3609, 0.3478**

## Background



This preview shows how black text looks on a background with the Yxy color 52.9554, 0.3609, 0.3478.



This preview shows how white text looks on a background with the Yxy color 52.9554, 0.3609, 0.3478.

# 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

52.9554, 0.3609, 0.3478

### Protanopia

53.0953, 0.3357, 0.3537

### Deuteranopia

53.1606, 0.3568, 0.3503



## Tritanopia

52.8685, 0.3420, 0.3132

# Trichromacy



## Original Color

52.9554, 0.3609, 0.3478

## Protanomaly

52.8908, 0.3439, 0.3509

## Deuteranomaly

52.8972, 0.3579, 0.3491

## Tritanomaly

52.7193, 0.3487, 0.3245

# Monochromacy



## Original Color

52.9554, 0.3609, 0.3478

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.3088, 0.3291, 0.3351

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.9554, 0.3609, 0.3478 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, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 168)  
}
```

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, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 168) }
```

## Border

The CSS property to change the border of an element to Yxy 52.9554, 0.3609, 0.3478 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, 184, 168) }
```

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

```
.border{ border-color:rgb(224, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
168) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.9554, 0.3609, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 168) }
```

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

```
.background{ background-color: rgb(224,  
184, 168) }
```

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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