

Converting Colors

$Yxy(53.0170, 0.3674, 0.3361)$

Have a look what the booklet for
Yxy(53.0170, 0.3674, 0.3361)
contains.

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Color

Yxy(52.9195, 0.3677, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	EBB3AD
RGB	235, 179, 173
RGB Percent	92%, 70%, 68%
CMY	0.0783, 0.2981, 0.3216
CMYK	0.00, 0.24, 0.26, 0.08
HSL	6°, 61%, 80%
HSV	6°, 26%, 92%
XYZ	57.9294, 52.9195, 46.6965
YIQ	195.0600, 35.3020, 10.0060

Conversions

Conversions Part 2

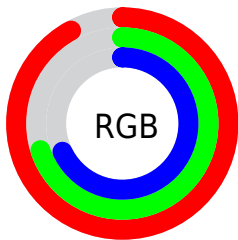
Format	Color
R_{YB}	235, 180, 173
Decimal	15446957
CIE _{Lab}	77.83, 19.50, 10.95
CIE _{LCh}	78, 22.361, 29.313
Yxy	52.9195, 0.3677, 0.3359
Android (android.graphics.Color)	4293637037 (0xFFEBB3AD)
YUV	195.0600, -10.8756, 35.0274
Hunter-Lab	72.7458, 14.8393, 12.8630

Details

The Yxy color **52.9195, 0.3677, 0.3359** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9381, 0.2735, 0.3220**, and the grayscale version is **54.6632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2781, 0.3308, 0.3360**, and **25.7672, 0.3823, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **44.2258, 0.3976, 0.3387**, and if you desaturate by 10%, it is **63.0883, 0.3432, 0.3332**.

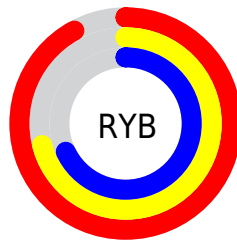
Distribution



Red (92%)

Green (70%)

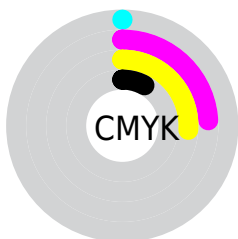
Blue (68%)



Red (92%)

Yellow (71%)

Blue (68%)

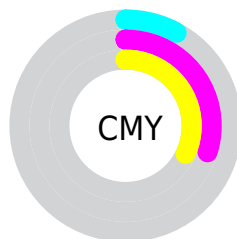


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9195, 0.3677, 0.3359 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 52.9195, 0.3677, 0.3359 by changing the saturation by 10% instead.

 52.9195, 0.3677,
0.3359

 52.9195, 0.3677,
0.3359

397.9762, 0.3405,
0.3331

 37.7385, 0.3744,
0.3364


 94.4859, 0.3579,
0.3350

 25.7798, 0.3829,
0.3370


121.6401, 0.3542,
0.3346

 16.6590, 0.3940,
0.3376


153.5542, 0.3511,
0.3343

 9.9917, 0.4093,
0.3381

190.6125, 0.3484,
0.3340

 5.3934, 0.4316,
0.3382

233.1995, 0.3460,
0.3337

 2.4799, 0.4666,
0.3369

281.6995, 0.3440,

 0.8665, 0.5705,

0.3335

0.3563

336.4969, 0.3422,
0.3333

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9195, 0.3677,
0.3359

52.9195, 0.3677,
0.3359

44.2258, 0.3976,
0.3387

63.0883, 0.3432,
0.3332

36.9318, 0.4334,
0.3412

74.7885, 0.3234,
0.3306

30.9662, 0.4749,
0.3432

88.0826, 0.3073,
0.3282

26.2490, 0.5201,
0.3440

96.4061, 0.3005,
0.3290

■ 22.6911, 0.5648,
0.3432

■ 20.1918, 0.6026,
0.3404

■ 18.6327, 0.6276,
0.3362

■ 18.2677, 0.6338,
0.3349

Harmonies

Analogous

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



52.9195, 0.3478, 0.3114



52.9195, 0.3677, 0.3359



52.9195, 0.3719, 0.3600

Triad

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



52.9195, 0.3677, 0.3359



52.9195, 0.3047, 0.3710



52.9195, 0.2669, 0.2814

Complementary

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



52.9195, 0.3677, 0.3359



70.9381, 0.2735, 0.3220

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.



52.9195, 0.2567, 0.2943



52.9195, 0.3677, 0.3359



52.9195, 0.2778, 0.3466

Square

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



52.9195, 0.3677, 0.3359



52.9195, 0.3346, 0.3823



52.9195, 0.2606, 0.3180



52.9195, 0.2891, 0.2808

Rectangle

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



52.9195, 0.3677, 0.3359



52.9195, 0.3653, 0.3728



52.9195, 0.2606, 0.3180



52.9195, 0.2620, 0.2843

Sweetspot

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



52.9220, 0.3677, 0.3359



87.5558, 0.3264, 0.3310



53.2588, 0.3199, 0.2684



18.2693, 0.3292, 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.



52.9220, 0.3677, 0.3359



57.4573, 0.3842, 0.3375



66.3729, 0.3593, 0.3688



15.2881, 0.3291, 0.3313



10.2464, 0.6323, 0.3361



0.8842, 0.6149, 0.3500

Inverse Universe

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



70.9381, 0.2735, 0.3220



82.7404, 0.2658, 0.3202



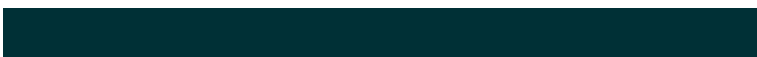
55.6589, 0.2700, 0.2856



16.8585, 0.2981, 0.3267



29.7285, 0.2162, 0.2984



2.4068, 0.2175, 0.3030

Previews

White Background



This preview shows how the Yxy color 52.9195, 0.3677, 0.3359 looks on a white background.

Color Contrast Check

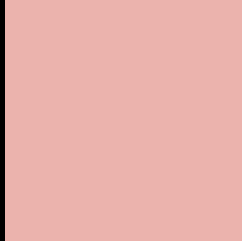
Large Text (above 18pt) WCAG AA × Fail

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 52.9195, 0.3677, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

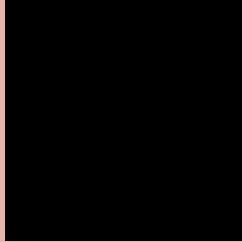
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9195, 0.3677, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 52.9195, 0.3677, 0.3359.



This preview shows how white text looks on a background with the Yxy color 52.9195, 0.3677, 0.3359.

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

52.9195, 0.3677, 0.3359

Protanopia

53.1367, 0.3277, 0.3438

Deuteranopia

53.1564, 0.3525, 0.3456



Tritanopia

52.7729, 0.3551, 0.3136

Trichromacy



Original Color

52.9195, 0.3677, 0.3359

Protanomaly

52.7120, 0.3420, 0.3411

Deuteranomaly

52.8531, 0.3586, 0.3419

Tritanomaly

52.7378, 0.3593, 0.3213

Monochromacy



Original Color

52.9195, 0.3677, 0.3359

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6847, 0.3318, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9195, 0.3677, 0.3359 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(235, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 179, 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(235, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 179, 173) }
```

Border

The CSS property to change the border of an element to Yxy 52.9195, 0.3677, 0.3359 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(235, 179, 173) }
```

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

```
.border{ border-color:rgb(235, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 179,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9195, 0.3677, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 179, 173) }
```

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

```
.background{ background-color: rgb(235,  
179, 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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