

Converting Colors

$Yxy(52.6640, 0.3689, 0.3383)$

Have a look what the booklet for
Yxy(52.6640, 0.3689, 0.3383)
contains.

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Color

Yxy(52.6729, 0.3686, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	EAB3AB
RGB	234, 179, 171
RGB Percent	92%, 70%, 67%
CMY	0.0823, 0.2981, 0.3294
CMYK	0.00, 0.24, 0.27, 0.08
HSL	8°, 60%, 79%
HSV	8°, 27%, 92%
XYZ	57.4075, 52.6729, 45.6644
YIQ	194.5330, 35.3480, 9.1720

Conversions

Conversions Part 2

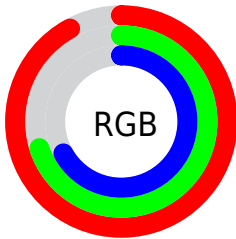
Format	Color
RYB	234, 180, 171
Decimal	15381419
CIELab	77.68, 18.85, 11.81
CIElCh	78, 22.247, 32.079
Yxy	52.6729, 0.3686, 0.3382
Android (android.graphics.Color)	4293571499 (0xFFEAB3AB)
YUV	194.5330, -11.6018, 34.6126
Hunter-Lab	72.5761, 14.1850, 13.4984

Details

The Yxy color **52.6729, 0.3686, 0.3382** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0020, 0.2725, 0.3196**, and the grayscale version is **54.3374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1676, 0.3321, 0.3380**, and **25.6007, 0.3836, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **44.2690, 0.3982, 0.3418**, and if you desaturate by 10%, it is **62.4529, 0.3442, 0.3346**.

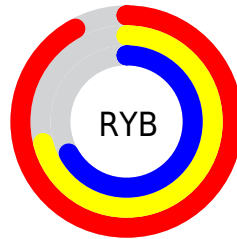
Distribution



Red (92%)

Green (70%)

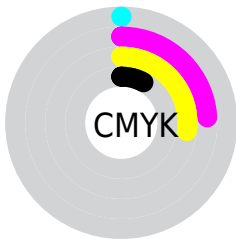
Blue (67%)



Red (92%)

Yellow (71%)

Blue (67%)

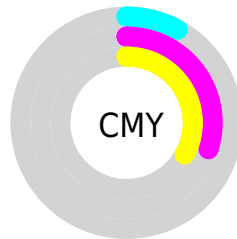


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (8%)



Cyan (8%)


Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6729, 0.3686, 0.3382 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 52.6729, 0.3686, 0.3382 by changing the saturation by 10% instead.

 52.6729, 0.3686,
0.3382

 52.6729, 0.3686,
0.3382


397.0289, 0.3410,
0.3343

 37.5417, 0.3754,
0.3390


 94.1229, 0.3586,
0.3369

 25.6272, 0.3840,
0.3399


121.2104, 0.3549,
0.3364

 16.5449, 0.3954,
0.3409


153.0523, 0.3517,
0.3359

 9.9106, 0.4110,
0.3419

190.0327, 0.3489,
0.3355

 5.3397, 0.4337,
0.3427

232.5362, 0.3466,
0.3352

 2.4479, 0.4693,
0.3423

280.9472, 0.3445,

 0.8504, 0.5859,

0.3348

0.3706

335.6499, 0.3426,
0.3346

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6729, 0.3686,
0.3382

52.6729, 0.3686,
0.3382

44.2690, 0.3982,
0.3418

62.4529, 0.3442,
0.3346

37.1725, 0.4335,
0.3451

73.6594, 0.3243,
0.3312

31.3195, 0.4742,
0.3476

86.3490, 0.3081,
0.3281

26.6381, 0.5184,
0.3488

96.2365, 0.3000,
0.3290

■ 23.0488, 0.5621,
0.3478

■ 20.4620, 0.5994,
0.3444

■ 18.7731, 0.6249,
0.3389

■ 18.4110, 0.6306,
0.3375

Harmonies

Analogous

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



52.6729, 0.3501, 0.3136



52.6729, 0.3686, 0.3382



52.6729, 0.3712, 0.3618

Triad

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



52.6729, 0.3686, 0.3382



52.6729, 0.3020, 0.3690



52.6729, 0.2686, 0.2810

Complementary

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



52.6729, 0.3686, 0.3382



69.0020, 0.2725, 0.3196

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.



52.6729, 0.2573, 0.2928



52.6729, 0.3686, 0.3382



52.6729, 0.2759, 0.3440

Square

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



52.6729, 0.3686, 0.3382



52.6729, 0.3319, 0.3817



52.6729, 0.2598, 0.3155



52.6729, 0.2917, 0.2815

Rectangle

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



52.6729, 0.3686, 0.3382



52.6729, 0.3637, 0.3740



52.6729, 0.2598, 0.3155



52.6729, 0.2634, 0.2835

Sweetspot

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



52.6754, 0.3686, 0.3382



87.9140, 0.3263, 0.3316



52.1470, 0.3218, 0.2692



18.3587, 0.3291, 0.3321



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.



52.6754, 0.3686, 0.3382



58.4753, 0.3833, 0.3401



66.4614, 0.3598, 0.3719



15.3623, 0.3290, 0.3321



10.4423, 0.6288, 0.3389



0.9195, 0.6077, 0.3557

Inverse Universe

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



69.0020, 0.2725, 0.3196



81.2352, 0.2654, 0.3175



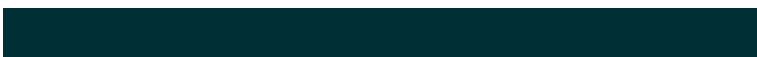
53.6982, 0.2689, 0.2820



16.7764, 0.2981, 0.3259



27.8113, 0.2135, 0.2884



2.2752, 0.2152, 0.2946

Previews

White Background



This preview shows how the Yxy color 52.6729, 0.3686, 0.3382 looks on a white background.

Color Contrast Check

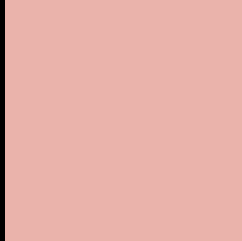
Large Text (above 18pt) WCAG AA × Fail

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 52.6729, 0.3686, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

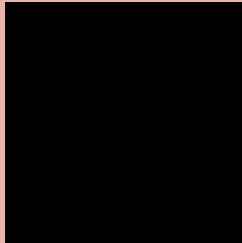
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6729, 0.3686, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 52.6729, 0.3686, 0.3382.



This preview shows how white text looks on a background with the Yxy color 52.6729, 0.3686, 0.3382.

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

52.6729, 0.3686, 0.3382

Protanopia

53.0557, 0.3292, 0.3463

Deuteranopia

52.6603, 0.3544, 0.3468



Tritanopia

52.6012, 0.3542, 0.3136

Trichromacy



Original Color

52.6729, 0.3686, 0.3382

Protanomaly

52.6328, 0.3437, 0.3435

Deuteranomaly

52.6165, 0.3594, 0.3443

Tritanomaly

52.5253, 0.3593, 0.3224

Monochromacy



Original Color

52.6729, 0.3686, 0.3382

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.4957, 0.3318, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6729, 0.3686, 0.3382 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(234, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(234, 179, 171)  
}
```

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(234, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 179, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.6729, 0.3686, 0.3382 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(234, 179, 171) }
```

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

```
.border{ border-color:rgb(234, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(234, 179,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6729, 0.3686, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 179, 171) }
```

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

```
.background{ background-color: rgb(234,  
179, 171) }
```

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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