

Converting Colors

Yxy(53.0131, 0.3777, 0.3580)

Have a look what the booklet for
Yxy(53.0131, 0.3777, 0.3580)
contains.

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Color

Yxy(52.8791, 0.3773, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	E7B69D
RGB	231, 182, 157
RGB Percent	91%, 71%, 62%
CMY	0.0940, 0.2863, 0.3842
CMYK	0.00, 0.21, 0.32, 0.09
HSL	20°, 61%, 76%
HSV	20°, 32%, 91%
XYZ	55.7766, 52.8791, 39.1752
YIQ	193.8010, 37.2290, 2.6130

Conversions

Conversions Part 2

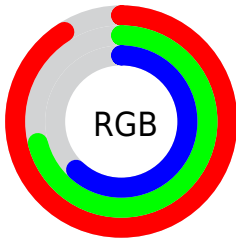
Format	Color
R _Y B	231, 195, 157
Decimal	15185565
CIE Lab	77.80, 14.28, 19.48
CIE LCh	78, 24.157, 53.754
Yxy	52.8791, 0.3773, 0.3577
Android (android.graphics.Color)	4293375645 (0xFFE7B69D)
YUV	193.8010, -18.1429, 32.6235
Hunter-Lab	72.7180, 9.6576, 18.9615

Details

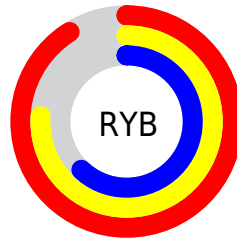
The Yxy color **52.8791, 0.3773, 0.3577** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1117, 0.2633, 0.2982**, and the grayscale version is **53.9209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1625, 0.3408, 0.3550**, and **25.7398, 0.3943, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **46.2347, 0.4049, 0.3669**, and if you desaturate by 10%, it is **60.3630, 0.3535, 0.3483**.

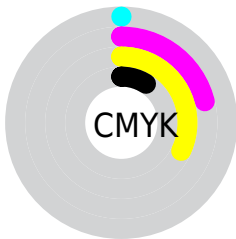
Distribution



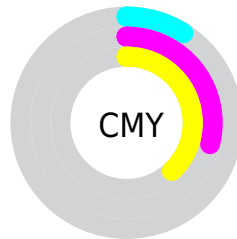
- Red (91%)
- Green (71%)
- Blue (62%)



- Red (91%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8791, 0.3773, 0.3577 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 52.8791, 0.3773, 0.3577 by changing the saturation by 10% instead.


 52.8791, 0.3773,
0.3577

 52.8791, 0.3773,
0.3577


397.8211, 0.3454,
0.3445

 37.7063, 0.3851,
0.3606


 94.4264, 0.3659,
0.3532

 25.7548, 0.3949,
0.3642


 121.5697, 0.3615,
0.3514

 16.6403, 0.4078,
0.3686


153.4720, 0.3578,
0.3498

 9.9784, 0.4253,
0.3740

190.5175, 0.3547,
0.3485

 5.3846, 0.4502,
0.3806

233.0909, 0.3519,
0.3473

 2.4746, 0.4886,
0.3883

281.5763, 0.3495,

 0.8639, 0.5843,

0.3463

0.4157

336.3582, 0.3474,
0.3453

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8791, 0.3773,
0.3577

52.8791, 0.3773,
0.3577

46.2347, 0.4049,
0.3669

60.3630, 0.3535,
0.3483

40.3921, 0.4361,
0.3752

68.7077, 0.3331,
0.3393

35.3214, 0.4703,
0.3817

77.9431, 0.3159,
0.3307

30.9877, 0.5059,
0.3850

88.0950, 0.3013,
0.3227

■ 27.3532, 0.5402,
0.3841

■ 95.7334, 0.2982,
0.3290

■ 24.3757, 0.5699,
0.3780

■ 22.4352, 0.5892,
0.3704

Harmonies

Analogous

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



52.8791, 0.3694, 0.3312



52.8791, 0.3773, 0.3577



52.8791, 0.3669, 0.3786

Triad

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



52.8791, 0.3773, 0.3577



52.8791, 0.2797, 0.3537



52.8791, 0.2820, 0.2762

Complementary

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



52.8791, 0.3773, 0.3577



57.1117, 0.2633, 0.2982

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.



52.8791, 0.2602, 0.2792



52.8791, 0.3773, 0.3577



52.8791, 0.2590, 0.3225

Square

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



52.8791, 0.3773, 0.3577



52.8791, 0.3099, 0.3781



52.8791, 0.2521, 0.2954



52.8791, 0.3129, 0.2859

Rectangle

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



52.8791, 0.3773, 0.3577



52.8791, 0.3514, 0.3860



52.8791, 0.2521, 0.2954



52.8791, 0.2734, 0.2758

Sweetspot

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



52.8816, 0.3773, 0.3577



88.1548, 0.3295, 0.3375



45.5890, 0.3381, 0.2742



18.5320, 0.3321, 0.3388



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.



52.8816, 0.3773, 0.3577



60.9044, 0.3939, 0.3634



69.9314, 0.3648, 0.3968



15.1587, 0.3284, 0.3370



12.7799, 0.5863, 0.3727



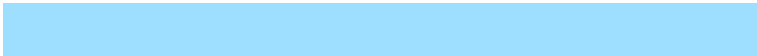
1.1112, 0.5580, 0.3952

Inverse Universe

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



57.1117, 0.2633, 0.2982



66.9039, 0.2541, 0.2912



41.4507, 0.2575, 0.2506



15.4742, 0.2981, 0.3209



16.2555, 0.1931, 0.2150



1.3712, 0.1982, 0.2336

Previews

White Background



This preview shows how the Yxy color 52.8791, 0.3773, 0.3577 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 52.8791, 0.3773, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

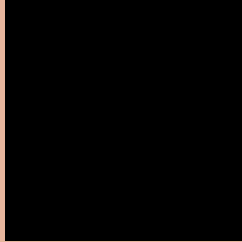
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8791, 0.3773, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 52.8791, 0.3773, 0.3577.



This preview shows how white text looks on a background with the Yxy color 52.8791, 0.3773, 0.3577.

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

52.8791, 0.3773, 0.3577

Protanopia

53.0044, 0.3453, 0.3661

Deuteranopia

52.9455, 0.3708, 0.3630



Tritanopia

52.8680, 0.3522, 0.3135

Trichromacy



Original Color

52.8791, 0.3773, 0.3577

Protanomaly

52.6506, 0.3568, 0.3628

Deuteranomaly

53.0122, 0.3739, 0.3615

Tritanomaly

52.9873, 0.3615, 0.3291

Monochromacy



Original Color

52.8791, 0.3773, 0.3577

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4285, 0.3339, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8791, 0.3773, 0.3577 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, 182, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 182, 157)  
}
```

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, 182, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 182, 157) }
```

Border

The CSS property to change the border of an element to Yxy 52.8791, 0.3773, 0.3577 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, 182, 157) }
```

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

```
.border{ border-color:rgb(231, 182, 157) }
```

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

Here you see how a box with a 4 pixel rgb(231, 182, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 182, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 182, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 182,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8791, 0.3773, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 182, 157) }
```

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

```
.background{ background-color: rgb(231,  
182, 157) }
```

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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