

Converting Colors

$Y_{xy}(52.7856, 0.3715, 0.3370)$

Have a look what the booklet for
Yxy(52.7856, 0.3715, 0.3370)
contains.

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Color

Yxy(52.7856, 0.3715, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	EDB2AB
RGB	237, 178, 171
RGB Percent	93%, 70%, 67%
CMY	0.0707, 0.3019, 0.3293
CMYK	0.00, 0.25, 0.28, 0.07
HSL	6°, 65%, 80%
HSV	6°, 28%, 93%
XYZ	58.1895, 52.7856, 45.6588
YIQ	194.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

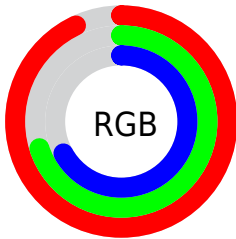
Format	Color
R _Y B	237, 179, 171
Decimal	15577771
CIE Lab	77.75, 20.47, 11.94
CIE LCh	78, 23.698, 30.244
Yxy	52.7856, 0.3715, 0.3370
Android (android.graphics.Color)	4293767851 (0xFFEDB2AB)
YUV	194.8430, -11.7546, 36.9717
Hunter-Lab	72.6537, 15.8194, 13.5972

Details

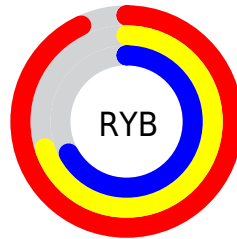
The Yxy color **52.7856, 0.3715, 0.3370** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3489, 0.2714, 0.3208**, and the grayscale version is **54.5306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5966, 0.3322, 0.3370**, and **25.7024, 0.3877, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **44.1743, 0.4021, 0.3400**, and if you desaturate by 10%, it is **62.8653, 0.3464, 0.3340**.

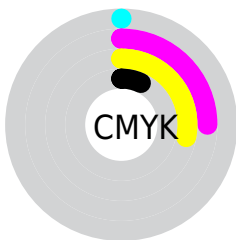
Distribution



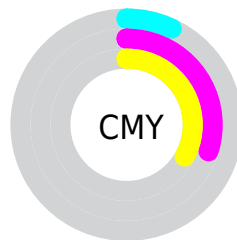
- Red (93%)
- Green (70%)
- Blue (67%)



- Red (93%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7856, 0.3715, 0.3370 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 52.7856, 0.3715, 0.3370 by changing the saturation by 10% instead.


 52.7856, 0.3715,
0.3370

 52.7856, 0.3715,
0.3370


397.4620, 0.3424,
0.3337

 37.6316, 0.3786,
0.3376


 94.2888, 0.3610,
0.3360

 25.6969, 0.3877,
0.3383


121.4068, 0.3571,
0.3355

 16.5970, 0.3997,
0.3389

153.2817, 0.3537,
0.3352

 9.9476, 0.4160,
0.3395

190.2978, 0.3508,
0.3348

 5.3642, 0.4398,
0.3396

232.8394, 0.3483,
0.3345

 2.4625, 0.4770,
0.3381

281.2911, 0.3461,

 0.8578, 0.5955,

0.3342

0.3625

336.0372, 0.3442,
0.3340

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7856, 0.3715,
0.3370

52.7856, 0.3715,
0.3370

44.1743, 0.4021,
0.3400

62.8653, 0.3464,
0.3340

36.9559, 0.4385,
0.3427

74.4698, 0.3260,
0.3311

31.0592, 0.4804,
0.3447

87.6614, 0.3094,
0.3284

26.4039, 0.5255,
0.3455

96.7390, 0.3017,
0.3290

■ 22.9006, 0.5694,
0.3443

■ 20.4482, 0.6058,
0.3411

■ 18.9260, 0.6292,
0.3364

■ 18.7006, 0.6329,
0.3356

Harmonies

Analogous

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



52.7856, 0.3508, 0.3111



52.7856, 0.3715, 0.3370



52.7856, 0.3754, 0.3624

Triad

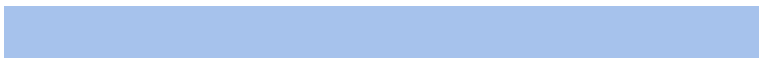
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.7856, 0.3715, 0.3370



52.7856, 0.3031, 0.3731



52.7856, 0.2648, 0.2784

Complementary

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



52.7856, 0.3715, 0.3370



71.3489, 0.2714, 0.3208

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.



52.7856, 0.2536, 0.2916



52.7856, 0.3715, 0.3370



52.7856, 0.2749, 0.3468

Square

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



52.7856, 0.3715, 0.3370



52.7856, 0.3349, 0.3855



52.7856, 0.2572, 0.3163



52.7856, 0.2886, 0.2782

Rectangle

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



52.7856, 0.3715, 0.3370



52.7856, 0.3680, 0.3758



52.7856, 0.2572, 0.3163



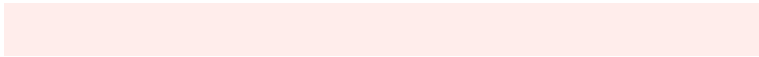
52.7856, 0.2595, 0.2813

Sweetspot

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



52.7881, 0.3715, 0.3370



87.6674, 0.3264, 0.3312



52.8662, 0.3212, 0.2661



18.2971, 0.3292, 0.3316



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.



52.7881, 0.3715, 0.3370



56.7486, 0.3870, 0.3386



67.3243, 0.3619, 0.3722



15.3112, 0.3290, 0.3316



10.3028, 0.6313, 0.3369



0.8952, 0.6126, 0.3518

Inverse Universe

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



71.3489, 0.2714, 0.3208



81.8148, 0.2644, 0.3191



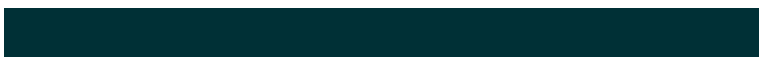
54.8865, 0.2674, 0.2815



16.8328, 0.2981, 0.3264



29.1210, 0.2154, 0.2953



2.3652, 0.2168, 0.3004

Previews

White Background



This preview shows how the Yxy color 52.7856, 0.3715, 0.3370 looks on a white background.

Color Contrast Check

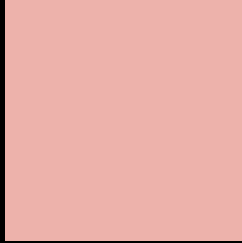
Large Text (above 18pt) WCAG AA × Fail

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 52.7856, 0.3715, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

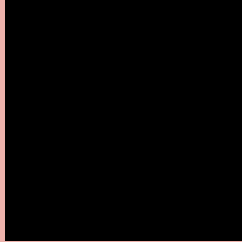
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7856, 0.3715, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 52.7856, 0.3715, 0.3370.



This preview shows how white text looks on a background with the Yxy color 52.7856, 0.3715, 0.3370.

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

52.7856, 0.3715, 0.3370

Protanopia

53.0557, 0.3292, 0.3463

Deuteranopia

52.6603, 0.3544, 0.3468



Tritanopia

52.6848, 0.3579, 0.3137

Trichromacy



Original Color

52.7856, 0.3715, 0.3370

Protanomaly

52.7819, 0.3445, 0.3434

Deuteranomaly

52.5269, 0.3615, 0.3430

Tritanomaly

52.6052, 0.3631, 0.3225

Monochromacy



Original Color

52.7856, 0.3715, 0.3370

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6420, 0.3326, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7856, 0.3715, 0.3370 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(237, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 178, 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(237, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 178, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.7856, 0.3715, 0.3370 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(237, 178, 171) }
```

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

```
.border{ border-color:rgb(237, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 178,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7856, 0.3715, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 178, 171) }
```

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

```
.background{ background-color: rgb(237,  
178, 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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