

Converting Colors

Yxy(52.4637, 0.3743, 0.3415)

Have a look what the booklet for
Yxy(52.4637, 0.3743, 0.3415)
contains.

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Color

Yxy(52.4637, 0.3743, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	ECB2A7
RGB	236, 178, 167
RGB Percent	93%, 70%, 65%
CMY	0.0743, 0.3020, 0.3450
CMYK	0.00, 0.25, 0.29, 0.07
HSL	10°, 65%, 79%
HSV	10°, 29%, 93%
XYZ	57.5027, 52.4637, 43.6609
YIQ	194.0880, 38.0990, 8.8750

Conversions

Conversions Part 2

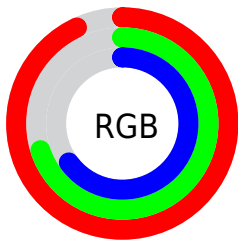
Format	Color
R _Y B	236, 180, 167
Decimal	15512231
CIE Lab	77.56, 19.62, 13.82
CIE LCh	78, 23.999, 35.168
Yxy	52.4637, 0.3743, 0.3415
Android (android.graphics.Color)	4293702311 (0xFFECB2A7)
YUV	194.0880, -13.3544, 36.7568
Hunter-Lab	72.4318, 14.9531, 14.9631

Details

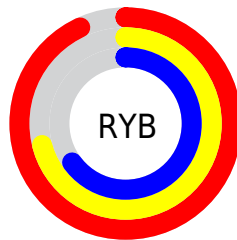
The Yxy color **52.4637, 0.3743, 0.3415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1764, 0.2690, 0.3160**, and the grayscale version is **54.0707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3796, 0.3349, 0.3410**, and **25.4887, 0.3915, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **44.3343, 0.4046, 0.3459**, and if you desaturate by 10%, it is **61.9011, 0.3492, 0.3370**.

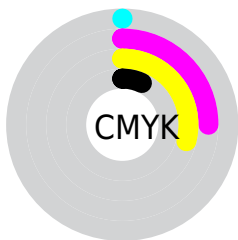
Distribution



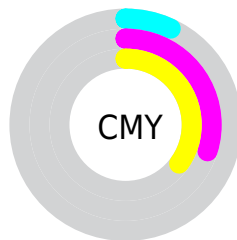
- Red (93%)
- Green (70%)
- Blue (65%)



- Red (93%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4637, 0.3743, 0.3415 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 52.4637, 0.3743, 0.3415 by changing the saturation by 10% instead.


 52.4637, 0.3743,
0.3415

 52.4637, 0.3743,
0.3415


396.2241, 0.3438,
0.3361

 37.3748, 0.3818,
0.3426


 93.8147, 0.3633,
0.3397

 25.4978, 0.3913,
0.3439


 120.8457, 0.3592,
0.3390

 16.4483, 0.4039,
0.3453


152.6261, 0.3556,
0.3384

 9.8420, 0.4210,
0.3468

189.5404, 0.3526,
0.3378

 5.2943, 0.4459,
0.3482

231.9729, 0.3500,
0.3373

 2.4210, 0.4847,
0.3482

280.3082, 0.3477,

 0.8366, 0.6178,

0.3369

0.3822

334.9304, 0.3456,
0.3365

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4637, 0.3743,
0.3415

52.4637, 0.3743,
0.3415

44.3343, 0.4046,
0.3459

61.9011, 0.3492,
0.3370

37.4478, 0.4403,
0.3499

72.6930, 0.3285,
0.3327

31.7448, 0.4808,
0.3529

84.8929, 0.3116,
0.3287

27.1579, 0.5242,
0.3539

96.5828, 0.3012,
0.3290

■ 23.6129, 0.5661,
0.3524

■ 21.0263, 0.6012,
0.3478

■ 19.2967, 0.6250,
0.3412

■ 19.1969, 0.6265,
0.3408

Harmonies

Analogous

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



52.4637, 0.3558, 0.3149



52.4637, 0.3743, 0.3415



52.4637, 0.3752, 0.3665

Triad

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



52.4637, 0.3743, 0.3415



52.4637, 0.2978, 0.3701



52.4637, 0.2673, 0.2767

Complementary

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



52.4637, 0.3743, 0.3415



68.1764, 0.2690, 0.3160

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.



52.4637, 0.2537, 0.2879



52.4637, 0.3743, 0.3415



52.4637, 0.2706, 0.3419

Square

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



52.4637, 0.3743, 0.3415



52.4637, 0.3300, 0.3855



52.4637, 0.2548, 0.3114



52.4637, 0.2931, 0.2787

Rectangle

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



52.4637, 0.3743, 0.3415



52.4637, 0.3658, 0.3791



52.4637, 0.2548, 0.3114



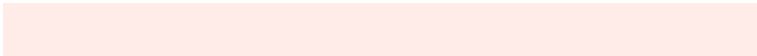
52.4637, 0.2612, 0.2790

Sweetspot

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



52.4662, 0.3743, 0.3415



86.9046, 0.3281, 0.3326



50.9598, 0.3246, 0.2663



18.1758, 0.3309, 0.3332



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.



52.4662, 0.3743, 0.3415



56.6166, 0.3915, 0.3441



67.6665, 0.3638, 0.3781



15.4403, 0.3289, 0.3328



10.6967, 0.6243, 0.3425



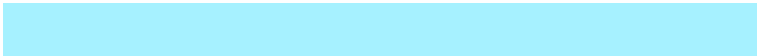
0.9565, 0.6005, 0.3614

Inverse Universe

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



68.1764, 0.2690, 0.3160



78.1065, 0.2610, 0.3131



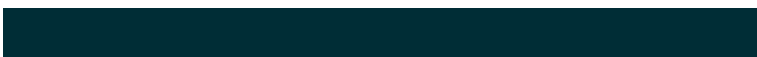
51.6162, 0.2645, 0.2744



16.6907, 0.2981, 0.3252



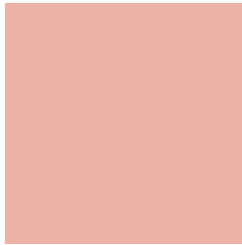
25.8901, 0.2105, 0.2777



2.1423, 0.2127, 0.2856

Previews

White Background



This preview shows how the Yxy color 52.4637, 0.3743, 0.3415 looks on a white background.

Color Contrast Check

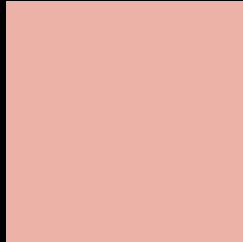
Large Text (above 18pt) WCAG AA × Fail

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 52.4637, 0.3743, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

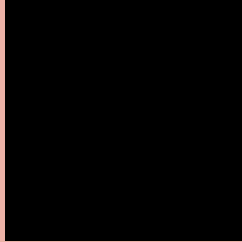
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4637, 0.3743, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 52.4637, 0.3743, 0.3415.



This preview shows how white text looks on a background with the Yxy color 52.4637, 0.3743, 0.3415.

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

52.4637, 0.3743, 0.3415

Protanopia

52.5970, 0.3334, 0.3501

Deuteranopia

52.6667, 0.3587, 0.3515



Tritanopia

52.4679, 0.3579, 0.3148

Trichromacy



Original Color

52.4637, 0.3743, 0.3415

Protanomaly

52.2042, 0.3481, 0.3471

Deuteranomaly

52.3778, 0.3649, 0.3477

Tritanomaly

52.3505, 0.3640, 0.3247

Monochromacy



Original Color

52.4637, 0.3743, 0.3415

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9824, 0.3335, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4637, 0.3743, 0.3415 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(236, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 178, 167)  
}
```

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(236, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 178, 167) }
```

Border

The CSS property to change the border of an element to Yxy 52.4637, 0.3743, 0.3415 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(236, 178, 167) }
```

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

```
.border{ border-color:rgb(236, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 178,  
167) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 52.4637, 0.3743, 0.3415$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 178, 167) }
```

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

```
.background{ background-color: rgb(236,  
178, 167) }
```

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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