

Converting Colors

$Yxy(52.3923, 0.3515, 0.3257)$

Have a look what the booklet for
Yxy(52.3923, 0.3515, 0.3257)
contains.

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Color

Yxy(52.3923, 0.3515, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E3B4B7
RGB	227, 180, 183
RGB Percent	89%, 71%, 72%
CMY	0.1099, 0.2941, 0.2824
CMYK	0.00, 0.21, 0.19, 0.11
HSL	356°, 46%, 80%
HSV	356°, 21%, 89%
XYZ	56.5425, 52.3923, 51.9258
YIQ	194.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

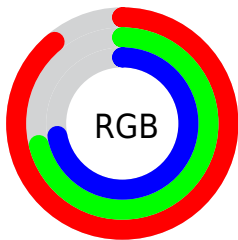
Format	Color
R _Y B	227, 180, 183
Decimal	14922935
CIE Lab	77.51, 17.43, 4.98
CIE LCh	78, 18.131, 15.930
Yxy	52.3923, 0.3515, 0.3257
Android (android.graphics.Color)	4293113015 (0xFFE3B4B7)
YUV	194.3950, -5.6177, 28.5946
Hunter-Lab	72.3825, 12.7681, 8.1343

Details

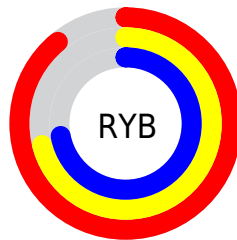
The Yxy color **52.3923, 0.3515, 0.3257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0174, 0.2836, 0.3324**, and the grayscale version is **54.2172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4829, 0.3236, 0.3261**, and **25.4484, 0.3624, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **43.1480, 0.3776, 0.3240**, and if you desaturate by 10%, it is **63.2758, 0.3305, 0.3274**.

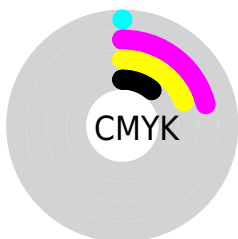
Distribution



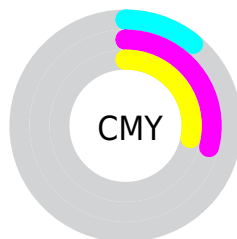
- Red (89%)
- Green (71%)
- Blue (72%)



- Red (89%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3923, 0.3515, 0.3257 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 52.3923, 0.3515, 0.3257 by changing the saturation by 10% instead.


 52.3923, 0.3515,
0.3257

 52.3923, 0.3515,
0.3257


395.9492, 0.3324,
0.3275

 37.3179, 0.3562,
0.3252


 93.7095, 0.3446,
0.3264

 25.4537, 0.3622,
0.3245


120.7211, 0.3420,
0.3267

 16.4154, 0.3701,
0.3235


152.4806, 0.3398,
0.3269

 9.8186, 0.3809,
0.3221

189.3723, 0.3379,
0.3271

 5.2788, 0.3968,
0.3198

231.7806, 0.3362,
0.3272

 2.4118, 0.4222,
0.3156

280.0899, 0.3348,

 0.8319, 0.4784,

0.3273

334.6847, 0.3335,
0.3275

0.3122

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3923, 0.3515,
0.3257

52.3923, 0.3515,
0.3257

43.1480, 0.3776,
0.3240

63.2758, 0.3305,
0.3274

35.4568, 0.4097,
0.3224

75.8650, 0.3137,
0.3289

29.2355, 0.4481,
0.3211

90.2313, 0.3003,
0.3303

24.3906, 0.4921,
0.3204

95.0685, 0.2958,
0.3290

■ 20.8174, 0.5387,
0.3206

■ 18.3966, 0.5823,
0.3220

■ 16.9859, 0.6160,
0.3246

■ 16.3613, 0.6347,
0.3270

Harmonies

Analogous

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



52.3923, 0.3313, 0.3067



52.3923, 0.3515, 0.3257



52.3923, 0.3610, 0.3462

Triad

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



52.3923, 0.3515, 0.3257



52.3923, 0.3173, 0.3685



52.3923, 0.2701, 0.2937

Complementary

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



52.3923, 0.3515, 0.3257



70.0174, 0.2836, 0.3324

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.



52.3923, 0.2668, 0.3088



52.3923, 0.3515, 0.3257



52.3923, 0.2934, 0.3529

Square

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



52.3923, 0.3515, 0.3257



52.3923, 0.3406, 0.3720



52.3923, 0.2752, 0.3306



52.3923, 0.2844, 0.2884

Rectangle

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



52.3923, 0.3515, 0.3257



52.3923, 0.3597, 0.3584



52.3923, 0.2752, 0.3306



52.3923, 0.2677, 0.2977

Sweetspot

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



52.3947, 0.3515, 0.3257



89.7348, 0.3223, 0.3281



54.0169, 0.3126, 0.2773



18.9785, 0.3234, 0.3280



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.



52.3947, 0.3515, 0.3257



62.5840, 0.3625, 0.3250



61.1034, 0.3495, 0.3521



14.3827, 0.3283, 0.3275



9.5491, 0.6331, 0.3261



0.7109, 0.6144, 0.3158

Inverse Universe

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



52.3947, 0.3515, 0.3257



62.5840, 0.3625, 0.3250



59.6970, 0.2803, 0.3047



14.3827, 0.3283, 0.3275



9.5491, 0.6331, 0.3261



0.7109, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 52.3923, 0.3515, 0.3257 looks on a white background.

Color Contrast Check

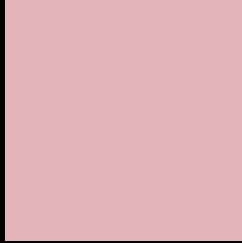
Large Text (above 18pt) WCAG AA × Fail

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 52.3923, 0.3515, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

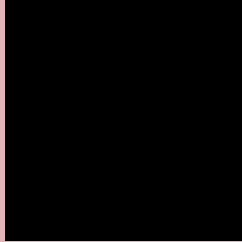
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3923, 0.3515, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 52.3923, 0.3515, 0.3257.



This preview shows how white text looks on a background with the Yxy color 52.3923, 0.3515, 0.3257.

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

52.3923, 0.3515, 0.3257

Protanopia

52.6715, 0.3183, 0.3315

Deuteranopia

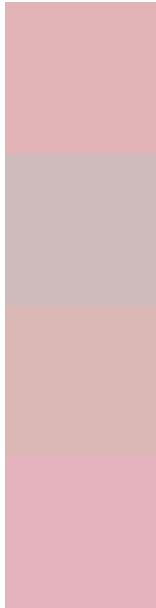
52.3715, 0.3400, 0.3326



Tritanopia

52.5400, 0.3448, 0.3143

Trichromacy



Original Color

52.3923, 0.3515, 0.3257

Protanomaly

52.3939, 0.3295, 0.3291

Deuteranomaly

52.3044, 0.3447, 0.3303

Tritanomaly

52.4083, 0.3474, 0.3177

Monochromacy



Original Color

52.3923, 0.3515, 0.3257

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2347, 0.3261, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3923, 0.3515, 0.3257 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(227, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 183)  
}
```

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(227, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.3923, 0.3515, 0.3257 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(227, 180, 183) }
```

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

```
.border{ border-color:rgb(227, 180, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(227, 180,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3923, 0.3515, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 183) }
```

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

```
.background{ background-color: rgb(227,  
180, 183) }
```

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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