

Converting Colors

$Y_{xy}(50.9018, 0.3553, 0.3200)$

Have a look what the booklet for
Yxy(50.9018, 0.3553, 0.3200)
contains.

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Color

Yxy(50.9018, 0.3553, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	E6AFB7
RGB	230, 175, 183
RGB Percent	90%, 69%, 72%
CMY	0.0979, 0.3137, 0.2823
CMYK	0.00, 0.24, 0.20, 0.10
HSL	351°, 52%, 79%
HSV	351°, 24%, 90%
XYZ	56.5169, 50.9018, 51.6494
YIQ	192.3570, 30.2120, 14.1480

Conversions

Conversions Part 2

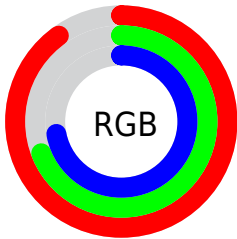
Format	Color
R_{YB}	230, 175, 183
Decimal	15118263
CIE _{Lab}	76.62, 21.23, 3.71
CIE _{LCh}	77, 21.552, 9.913
Yxy	50.9018, 0.3553, 0.3200
Android (android.graphics.Color)	4293308343 (0xFFE6AFB7)
YUV	192.3570, -4.6130, 33.0129
Hunter-Lab	71.3455, 16.5456, 7.0198

Details

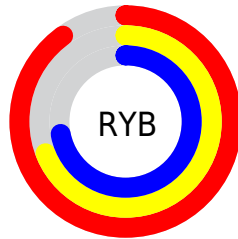
The Yxy color **50.9018, 0.3553, 0.3200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.9960, 0.2819, 0.3383**, and the grayscale version is **52.9483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6438, 0.3240, 0.3212**, and **24.5294, 0.3678, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **41.9381, 0.3806, 0.3160**, and if you desaturate by 10%, it is **61.5096, 0.3348, 0.3239**.

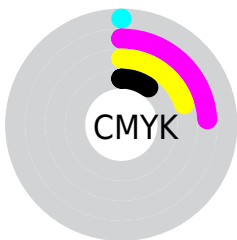
Distribution



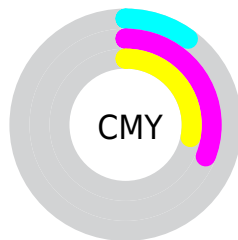
- Red (90%)
- Green (69%)
- Blue (72%)



- Red (90%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9018, 0.3553, 0.3200 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 50.9018, 0.3553, 0.3200 by changing the saturation by 10% instead.


 50.9018, 0.3553,
0.3200

 50.9018, 0.3553,
0.3200

390.1821, 0.3342,
0.3246

 36.1305, 0.3605,
0.3188


 91.5096, 0.3477,
0.3217

 24.5350, 0.3671,
0.3172


118.1149, 0.3448,
0.3224

 15.7309, 0.3759,
0.3151


149.4335, 0.3424,
0.3229

 9.3340, 0.3880,
0.3121

185.8500, 0.3403,
0.3233

 4.9596, 0.4058,
0.3075

227.7487, 0.3385,
0.3237

 2.2236, 0.4344,
0.2997

275.5141, 0.3369,

 0.7328, 0.5002,

0.3241

0.2881

329.5304, 0.3355,
0.3244

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9018, 0.3553,
0.3200

50.9018, 0.3553,
0.3200

41.9381, 0.3806,
0.3160

61.5096, 0.3348,
0.3239

34.5294, 0.4115,
0.3123

73.8306, 0.3183,
0.3276

28.5890, 0.4482,
0.3093

87.9386, 0.3050,
0.3310

24.0188, 0.4898,
0.3076

95.5673, 0.2976,
0.3290

■ 20.7088, 0.5337,
0.3080

■ 18.5318, 0.5750,
0.3111

■ 17.3336, 0.6081,
0.3167

■ 16.9399, 0.6227,
0.3204

Harmonies

Analogous

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



50.9018, 0.3291, 0.2985



50.9018, 0.3553, 0.3200



50.9018, 0.3698, 0.3444

Triad

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



50.9018, 0.3553, 0.3200



50.9018, 0.3239, 0.3789



50.9018, 0.2600, 0.2893

Complementary

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



50.9018, 0.3553, 0.3200



70.9960, 0.2819, 0.3383

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.



50.9018, 0.2589, 0.3092



50.9018, 0.3553, 0.3200



50.9018, 0.2949, 0.3627

Square

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



50.9018, 0.3553, 0.3200



50.9018, 0.3509, 0.3797



50.9018, 0.2713, 0.3363



50.9018, 0.2745, 0.2809

Rectangle

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



50.9018, 0.3553, 0.3200



50.9018, 0.3704, 0.3597



50.9018, 0.2713, 0.3363



50.9018, 0.2581, 0.2948

Sweetspot

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



50.9041, 0.3553, 0.3200



88.1916, 0.3230, 0.3265



51.8658, 0.3087, 0.2683



18.6699, 0.3240, 0.3263



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.



50.9041, 0.3553, 0.3200



58.1258, 0.3679, 0.3179



58.6195, 0.3575, 0.3509



14.4020, 0.3270, 0.3256



9.5988, 0.6199, 0.3188



0.7201, 0.5848, 0.2995

Inverse Universe

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



50.9041, 0.3553, 0.3200



58.1258, 0.3679, 0.3179



61.2997, 0.2756, 0.3060



14.4020, 0.3270, 0.3256



9.5988, 0.6199, 0.3188



0.7201, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 50.9018, 0.3553, 0.3200 looks on a white background.

Color Contrast Check

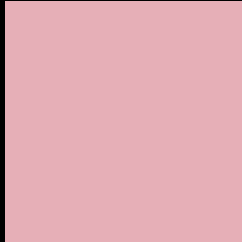
Large Text (above 18pt) WCAG AA × Fail

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 50.9018, 0.3553, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

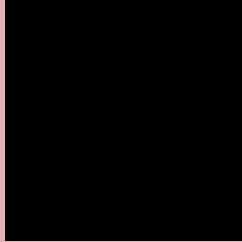
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9018, 0.3553, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 50.9018, 0.3553, 0.3200.



This preview shows how white text looks on a background with the Yxy color 50.9018, 0.3553, 0.3200.

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

50.9018, 0.3553, 0.3200

Protanopia

50.9345, 0.3137, 0.3253

Deuteranopia

51.0933, 0.3377, 0.3303



Tritanopia

50.8919, 0.3519, 0.3133

Trichromacy



Original Color

50.9018, 0.3553, 0.3200

Protanomaly

50.6196, 0.3284, 0.3230

Deuteranomaly

50.9253, 0.3444, 0.3267

Tritanomaly

50.8062, 0.3537, 0.3155

Monochromacy



Original Color

50.9018, 0.3553, 0.3200

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9137, 0.3272, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9018, 0.3553, 0.3200 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(230, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 175, 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(230, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.9018, 0.3553, 0.3200 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(230, 175, 183) }
```

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

```
.border{ border-color:rgb(230, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9018, 0.3553, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 175, 183) }
```

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

```
.background{ background-color: rgb(230,  
175, 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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