

Converting Colors

Yxy(53.8320, 0.3360, 0.3022)

Have a look what the booklet for
Yxy(53.8320, 0.3360, 0.3022)
contains.

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Color

Yxy(53.8251, 0.3362, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	E6B4CC
RGB	230, 180, 204
RGB Percent	90%, 71%, 80%
CMY	0.0979, 0.2941, 0.2000
CMYK	0.00, 0.22, 0.11, 0.10
HSL	331°, 50%, 80%
HSV	331°, 22%, 90%
XYZ	59.8611, 53.8251, 64.3658
YIQ	197.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

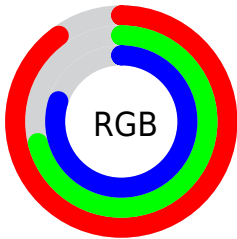
Format	Color
R _Y B	230, 180, 204
Decimal	15119564
CIE Lab	78.36, 21.86, -5.16
CIE LCh	78, 22.466, 346.712
Yxy	53.8251, 0.3362, 0.3023
Android (android.graphics.Color)	4293309644 (0xFFE6B4CC)
YUV	197.6860, 3.1128, 28.3394
Hunter-Lab	73.3656, 17.2534, -0.6609

Details

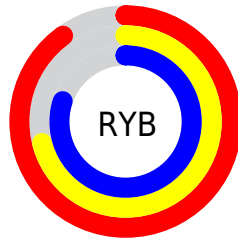
The Yxy color $53.8251, 0.3362, 0.3023$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $70.7696, 0.2942, 0.3574$, and the grayscale version is $56.2448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $26.3794, 0.3422, 0.2955$ is the 20% darker color. If you saturate the color by 10%, you get $44.7462, 0.3506, 0.2894$, and if you desaturate by 10%, it is $64.4941, 0.3242, 0.3149$.

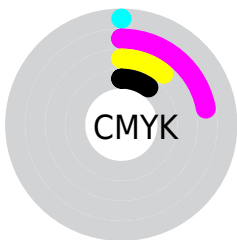
Distribution



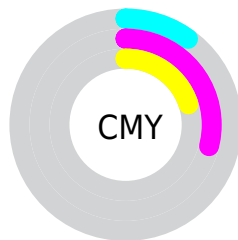
- Red (90%)
- Green (71%)
- Blue (80%)



- Red (90%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8251, 0.3362, 0.3023 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 53.8251, 0.3362, 0.3023 by changing the saturation by 10% instead.


 53.8251, 0.3362,
0.3023

 53.8251, 0.3362,
0.3023


401.4427, 0.3249,
0.3151

 38.4619, 0.3389,
0.2993


 95.8174, 0.3322,
0.3068

 26.3413, 0.3423,
0.2955


123.2152, 0.3306,
0.3085

 17.0792, 0.3468,
0.2906

155.3934, 0.3293,
0.3100

 10.2910, 0.3528,
0.2840

192.7362, 0.3282,
0.3113

 5.5923, 0.3613,
0.2747

235.6282, 0.3272,
0.3124

 2.5988, 0.3745,
0.2607

284.4537, 0.3263,

 0.9261, 0.3974,

0.3134

0.2371

339.5971, 0.3256,
0.3143

0.0000, 0.6886,
0.0000

0.0000, 0.0000,
0.0000

53.8251, 0.3362,
0.3023

53.8251, 0.3362,
0.3023

44.7462, 0.3506,
0.2894

64.4941, 0.3242,
0.3149

37.1731, 0.3677,
0.2766

76.8176, 0.3143,
0.3270

31.0249, 0.3876,
0.2649

90.8653, 0.3061,
0.3382

26.2099, 0.4103,
0.2552

95.3672, 0.2993,
0.3321

■ 22.6256, 0.4352,
0.2488

■ 95.5679, 0.2976,
0.3290

■ 20.1544, 0.4613,
0.2469

■ 18.6554, 0.4871,
0.2505

■ 17.9626, 0.5075,
0.2569

Harmonies

Analogous

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



53.8251, 0.3058, 0.2859



53.8251, 0.3362, 0.3023



53.8251, 0.3610, 0.3253

Triad

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



53.8251, 0.3362, 0.3023



53.8251, 0.3461, 0.3821



53.8251, 0.2567, 0.3032

Complementary

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



53.8251, 0.3362, 0.3023



70.7696, 0.2942, 0.3574

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.



53.8251, 0.2664, 0.3299



53.8251, 0.3362, 0.3023



53.8251, 0.3173, 0.3776

Square

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



53.8251, 0.3362, 0.3023



53.8251, 0.3665, 0.3713



53.8251, 0.2882, 0.3579



53.8251, 0.2610, 0.2854

Rectangle

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



53.8251, 0.3362, 0.3023



53.8251, 0.3703, 0.3421



53.8251, 0.2882, 0.3579



53.8251, 0.2584, 0.3114

Sweetspot

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



53.8275, 0.3362, 0.3023



88.5518, 0.3193, 0.3207



51.4540, 0.2959, 0.2718



18.7531, 0.3199, 0.3200



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.



53.8275, 0.3362, 0.3023



62.7213, 0.3422, 0.2966



53.1002, 0.3566, 0.3301



14.4827, 0.3217, 0.3178



10.1909, 0.5039, 0.2549



0.7718, 0.4701, 0.2363

Inverse Universe

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



53.8275, 0.3362, 0.3023



62.7213, 0.3422, 0.2966



71.5644, 0.2804, 0.3279



14.4827, 0.3217, 0.3178



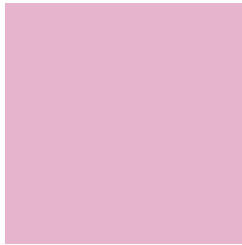
10.1909, 0.5039, 0.2549



0.7718, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 53.8251, 0.3362, 0.3023 looks on a white background.

Color Contrast Check

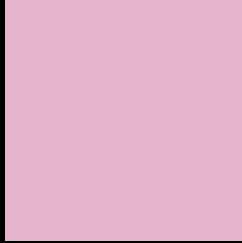
Large Text (above 18pt) WCAG AA × Fail

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 53.8251, 0.3362, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

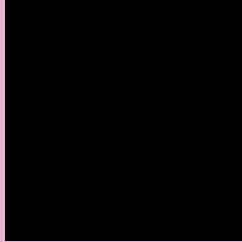
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8251, 0.3362, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 53.8251, 0.3362, 0.3023.



This preview shows how white text looks on a background with the Yxy color 53.8251, 0.3362, 0.3023.

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

53.8251, 0.3362, 0.3023

Protanopia

54.0999, 0.2981, 0.3061

Deuteranopia

53.7860, 0.3192, 0.3126



Tritanopia

53.6459, 0.3428, 0.3133

Trichromacy



Original Color

53.8251, 0.3362, 0.3023

Protanomaly

53.6917, 0.3114, 0.3043

Deuteranomaly

53.7614, 0.3254, 0.3083

Tritanomaly

53.7830, 0.3402, 0.3100

Monochromacy



Original Color

53.8251, 0.3362, 0.3023

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.1334, 0.3214, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8251, 0.3362, 0.3023 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, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 180, 204)  
}
```

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, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 180, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.8251, 0.3362, 0.3023 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, 180, 204) }
```

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

```
.border{ border-color:rgb(230, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 180,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8251, 0.3362, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 180, 204) }
```

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

```
.background{ background-color: rgb(230,  
180, 204) }
```

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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