

Converting Colors

Yxy(53.3967, 0.3387, 0.3016)

Have a look what the booklet for
Yxy(53.3967, 0.3387, 0.3016)
contains.

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Color

Yxy(53.3084, 0.3390, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	E8B2CB
RGB	232, 178, 203
RGB Percent	91%, 70%, 80%
CMY	0.0902, 0.3019, 0.2038
CMYK	0.00, 0.23, 0.12, 0.09
HSL	332°, 54%, 80%
HSV	332°, 23%, 91%
XYZ	59.9786, 53.3084, 63.6410
YIQ	196.9960, 24.1590, 19.2230

Conversions

Conversions Part 2

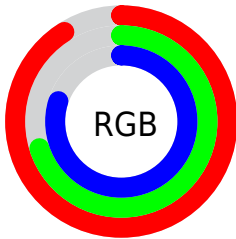
Format	Color
R _Y B	232, 178, 203
Decimal	15250123
CIE Lab	78.06, 23.45, -5.05
CIE LCh	78, 23.988, 347.839
Yxy	53.3084, 0.3390, 0.3013
Android (android.graphics.Color)	4293440203 (0xFFE8B2CB)
YUV	196.9960, 2.9600, 30.6985
Hunter-Lab	73.0126, 18.8626, -0.5709

Details

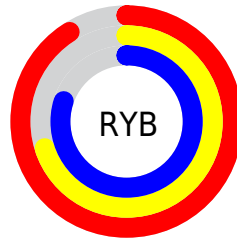
The Yxy color **53.3084, 0.3390, 0.3013** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6788, 0.2925, 0.3585**, and the grayscale version is **55.8049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **26.0673, 0.3462, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **44.2759, 0.3543, 0.2888**, and if you desaturate by 10%, it is **63.9545, 0.3263, 0.3136**.

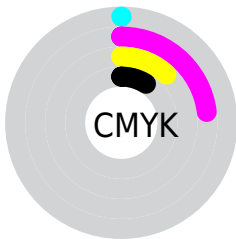
Distribution



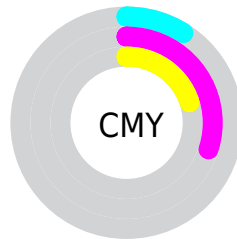
- Red (91%)
- Green (70%)
- Blue (80%)



- Red (91%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3084, 0.3390, 0.3013 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 53.3084, 0.3390, 0.3013 by changing the saturation by 10% instead.


 53.3084, 0.3390,
0.3013

 53.3084, 0.3390,
0.3013

399.4672, 0.3263,
0.3146

 38.0490, 0.3420,
0.2982


 95.0580, 0.3345,
0.3060

 26.0207, 0.3459,
0.2942


122.3171, 0.3328,
0.3078

 16.8392, 0.3509,
0.2891


154.3448, 0.3313,
0.3093

 10.1199, 0.3577,
0.2822

191.5255, 0.3300,
0.3107

 5.4785, 0.3674,
0.2726

234.2438, 0.3289,
0.3118

 2.5307, 0.3824,
0.2579

282.8839, 0.3279,

 0.8919, 0.4085,

0.3128

0.2331

337.8302, 0.3271,
0.3138

0.0000, 0.7555,
0.0000

0.0000, 0.0000,
0.0000

53.3084, 0.3390,
0.3013

53.3084, 0.3390,
0.3013

44.2759, 0.3543,
0.2888

63.9545, 0.3263,
0.3136

36.7703, 0.3725,
0.2765

76.2809, 0.3157,
0.3253

30.7073, 0.3936,
0.2654

90.3597, 0.3071,
0.3363

25.9919, 0.4176,
0.2565

95.7550, 0.2999,
0.3311

■ 22.5173, 0.4438,
0.2511

■ 95.8946, 0.2987,
0.3290

■ 20.1603, 0.4710,
0.2504

■ 18.7718, 0.4976,
0.2552

■ 18.2266, 0.5147,
0.2609

Harmonies

Analogous

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



53.3084, 0.3065, 0.2835



53.3084, 0.3390, 0.3013



53.3084, 0.3652, 0.3260

Triad

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



53.3084, 0.3390, 0.3013



53.3084, 0.3473, 0.3861



53.3084, 0.2528, 0.3004

Complementary

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



53.3084, 0.3390, 0.3013



71.6788, 0.2925, 0.3585

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.



53.3084, 0.2625, 0.3287



53.3084, 0.3390, 0.3013



53.3084, 0.3163, 0.3807

Square

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



53.3084, 0.3390, 0.3013



53.3084, 0.3697, 0.3748



53.3084, 0.2854, 0.3591



53.3084, 0.2580, 0.2818

Rectangle

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



53.3084, 0.3390, 0.3013



53.3084, 0.3748, 0.3438



53.3084, 0.2854, 0.3591



53.3084, 0.2544, 0.3090

Sweetspot

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



53.3108, 0.3390, 0.3013



88.5336, 0.3195, 0.3210



50.9057, 0.2952, 0.2675



18.7489, 0.3201, 0.3203



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.



53.3108, 0.3390, 0.3013



60.3683, 0.3461, 0.2952



52.9335, 0.3603, 0.3312



14.4786, 0.3220, 0.3182



10.1443, 0.5109, 0.2588



0.7682, 0.4760, 0.2396

Inverse Universe

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



53.3108, 0.3390, 0.3013



60.3683, 0.3461, 0.2952



71.9928, 0.2782, 0.3268



14.4786, 0.3220, 0.3182



10.1443, 0.5109, 0.2588



0.7682, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 53.3084, 0.3390, 0.3013 looks on a white background.

Color Contrast Check

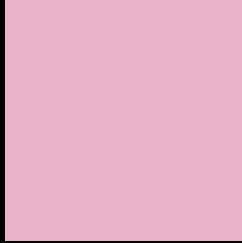
Large Text (above 18pt) WCAG AA × Fail

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 53.3084, 0.3390, 0.3013 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 53.3084, 0.3390, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 53.3084, 0.3390, 0.3013.



This preview shows how white text looks on a background with the Yxy color 53.3084, 0.3390, 0.3013.

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

53.3084, 0.3390, 0.3013

Protanopia

53.5291, 0.2973, 0.3048

Deuteranopia

53.1676, 0.3193, 0.3125



Tritanopia

53.5265, 0.3455, 0.3134

Trichromacy



Original Color

53.3084, 0.3390, 0.3013

Protanomaly

53.2659, 0.3115, 0.3031

Deuteranomaly

53.2970, 0.3263, 0.3082

Tritanomaly

53.2603, 0.3431, 0.3089

Monochromacy



Original Color

53.3084, 0.3390, 0.3013

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.6521, 0.3222, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3084, 0.3390, 0.3013 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(232, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(232, 178, 203)  
}
```

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(232, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 178, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.3084, 0.3390, 0.3013 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(232, 178, 203) }
```

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

```
.border{ border-color:rgb(232, 178, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 178, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 178, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 178, 203);  
box-shadow:4px 4px 4px 4px rgb(232, 178,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3084, 0.3390, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 178, 203) }
```

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

```
.background{ background-color: rgb(232,  
178, 203) }
```

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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