

Converting Colors

Yxy(53.2209, 0.3447, 0.3031)

Have a look what the booklet for
Yxy(53.2209, 0.3447, 0.3031)
contains.

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Color

Yxy(53.4473, 0.3452, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	ECB1C8
RGB	236, 177, 200
RGB Percent	93%, 69%, 78%
CMY	0.0746, 0.3058, 0.2157
CMYK	0.00, 0.25, 0.15, 0.07
HSL	337°, 61%, 81%
HSV	337°, 25%, 93%
XYZ	60.7308, 53.4473, 61.7512
YIQ	197.2630, 27.7810, 19.6610

Conversions

Conversions Part 2

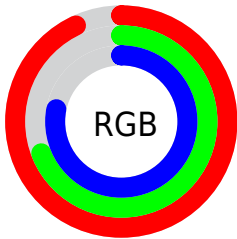
Format	Color
R _Y B	236, 177, 200
Decimal	15512008
CIE Lab	78.14, 24.88, -3.24
CIE LCh	78, 25.094, 352.579
Yxy	53.4473, 0.3452, 0.3038
Android (android.graphics.Color)	4293702088 (0xFFECB1C8)
YUV	197.2630, 1.3493, 33.9723
Hunter-Lab	73.1077, 20.3421, 1.0954

Details

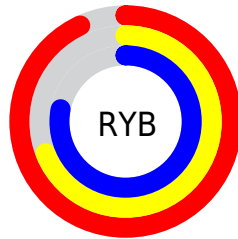
The Yxy color **53.4473, 0.3452, 0.3038** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1274, 0.2886, 0.3558**, and the grayscale version is **55.9814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **26.0743, 0.3535, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **44.2767, 0.3633, 0.2932**, and if you desaturate by 10%, it is **64.2980, 0.3302, 0.3143**.

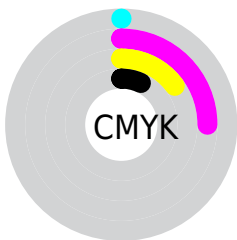
Distribution



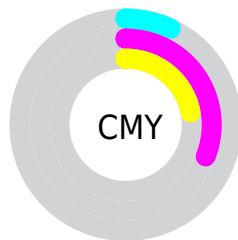
- Red (93%)
- Green (69%)
- Blue (78%)



- Red (93%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (7%)




- Cyan (7%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4473, 0.3452, 0.3038 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 53.4473, 0.3452, 0.3038 by changing the saturation by 10% instead.


 53.4473, 0.3452,
0.3038

 53.4473, 0.3452,
0.3038


399.9989, 0.3294,
0.3159

 38.1600, 0.3490,
0.3009


 95.2622, 0.3396,
0.3081

 26.1069, 0.3538,
0.2973


122.5586, 0.3374,
0.3098

 16.9036, 0.3601,
0.2925


154.6268, 0.3356,
0.3112

 10.1658, 0.3686,
0.2862

191.8513, 0.3340,
0.3124

 5.5090, 0.3809,
0.2771

234.6163, 0.3327,
0.3134

 2.5489, 0.3999,
0.2633

283.3063, 0.3314,

 0.9010, 0.4335,

0.3144

0.2397

338.3057, 0.3304,
0.3152

0.0000, 0.9947,
0.0000

0.0000, 0.0000,
0.0000

53.4473, 0.3452,
0.3038

53.4473, 0.3452,
0.3038

44.2767, 0.3633,
0.2932

64.2980, 0.3302,
0.3143

36.6941, 0.3849,
0.2830

76.9002, 0.3180,
0.3243

30.6100, 0.4102,
0.2740

91.3298, 0.3079,
0.3336

25.9225, 0.4388,
0.2673

96.5677, 0.3011,
0.3290

■ 22.5171, 0.4699,
0.2643

■ 20.2609, 0.5017,
0.2660

■ 18.9909, 0.5318,
0.2731

■ 18.5994, 0.5459,
0.2781

Harmonies

Analogous

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



53.4473, 0.3115, 0.2839



53.4473, 0.3452, 0.3038



53.4473, 0.3707, 0.3301

Triad

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



53.4473, 0.3452, 0.3038



53.4473, 0.3441, 0.3891



53.4473, 0.2501, 0.2951

Complementary

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



53.4473, 0.3452, 0.3038



74.1274, 0.2886, 0.3558

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.



53.4473, 0.2578, 0.3235



53.4473, 0.3452, 0.3038



53.4473, 0.3111, 0.3807

Square

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



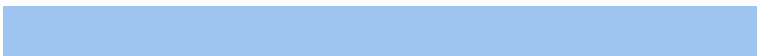
53.4473, 0.3452, 0.3038



53.4473, 0.3695, 0.3796



53.4473, 0.2797, 0.3557



53.4473, 0.2579, 0.2779

Rectangle

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



53.4473, 0.3452, 0.3038



53.4473, 0.3788, 0.3487



53.4473, 0.2797, 0.3557



53.4473, 0.2509, 0.3036

Sweetspot

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



53.4497, 0.3452, 0.3038



88.4533, 0.3203, 0.3223



51.5619, 0.2967, 0.2632



18.7303, 0.3210, 0.3217



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.



53.4497, 0.3452, 0.3038



57.8693, 0.3541, 0.2983



54.8350, 0.3639, 0.3357



15.1512, 0.3232, 0.3199



10.2789, 0.5417, 0.2758



0.8255, 0.5046, 0.2553

Inverse Universe

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



53.4497, 0.3452, 0.3038



57.8693, 0.3541, 0.2983



72.0394, 0.2754, 0.3221



15.1512, 0.3232, 0.3199



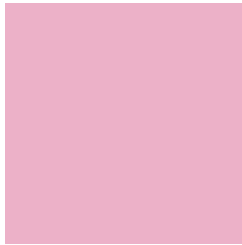
10.2789, 0.5417, 0.2758



0.8255, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 53.4473, 0.3452, 0.3038 looks on a white background.

Color Contrast Check

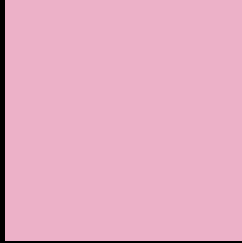
Large Text (above 18pt) WCAG AA × Fail

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 53.4473, 0.3452, 0.3038 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 53.4473, 0.3452, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 53.4473, 0.3452, 0.3038.



This preview shows how white text looks on a background with the Yxy color 53.4473, 0.3452, 0.3038.

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

53.4473, 0.3452, 0.3038

Protanopia

53.5092, 0.3003, 0.3084

Deuteranopia

53.7453, 0.3232, 0.3172



Tritanopia

53.3087, 0.3511, 0.3135

Trichromacy



Original Color

53.4473, 0.3452, 0.3038

Protanomaly

53.4068, 0.3154, 0.3067

Deuteranomaly

53.4646, 0.3304, 0.3118

Tritanomaly

53.4431, 0.3485, 0.3103

Monochromacy



Original Color

53.4473, 0.3452, 0.3038

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7530, 0.3238, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4473, 0.3452, 0.3038 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, 177, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 177, 200)  
}
```

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, 177, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 177, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.4473, 0.3452, 0.3038 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, 177, 200) }
```

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

```
.border{ border-color:rgb(236, 177, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 177, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 177, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 177, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 177,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4473, 0.3452, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 177, 200) }
```

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

```
.background{ background-color: rgb(236,  
177, 200) }
```

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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