

Converting Colors

$Yxy(53.3777, 0.3404, 0.3088)$

Have a look what the booklet for
Yxy(53.3777, 0.3404, 0.3088)
contains.

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Color

Yxy(53.3777, 0.3404, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	E5B4C6
RGB	229, 180, 198
RGB Percent	90%, 71%, 78%
CMY	0.1018, 0.2942, 0.2235
CMYK	0.00, 0.21, 0.14, 0.10
HSL	338°, 49%, 80%
HSV	338°, 21%, 90%
XYZ	58.8399, 53.3777, 60.6376
YIQ	196.7030, 23.4260, 15.9860

Conversions

Conversions Part 2

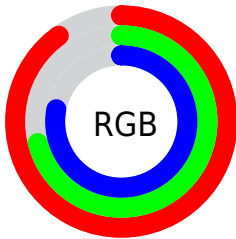
Format	Color
R _Y B	229, 180, 198
Decimal	15054022
CIE Lab	78.10, 20.54, -2.31
CIE LCh	78, 20.673, 353.584
Yxy	53.3777, 0.3404, 0.3088
Android (android.graphics.Color)	4293244102 (0xFFE5B4C6)
YUV	196.7030, 0.6394, 28.3245
Hunter-Lab	73.0600, 15.9024, 1.9331

Details

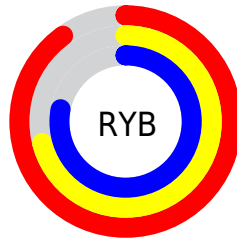
The Yxy color $53.3777, 0.3404, 0.3088$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $70.4702, 0.2913, 0.3502$, and the grayscale version is $55.6355, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $26.0766, 0.3481, 0.3040$ is the 20% darker color. If you saturate the color by 10%, you get $44.2478, 0.3579, 0.2988$, and if you desaturate by 10%, it is $64.1043, 0.3260, 0.3185$.

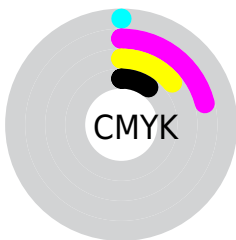
Distribution



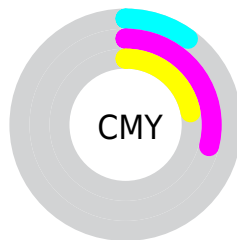
- Red (90%)
- Green (71%)
- Blue (78%)



- Red (90%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (10%)




- Cyan (10%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3777, 0.3404, 0.3088 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 53.3777, 0.3404, 0.3088 by changing the saturation by 10% instead.


 53.3777, 0.3404,
0.3088

 53.3777, 0.3404,
0.3088


399.7325, 0.3269,
0.3186

 38.1044, 0.3437,
0.3065

 95.1599, 0.3356,
0.3123

 26.0637, 0.3478,
0.3035

122.4376, 0.3338,
0.3136

 16.8713, 0.3532,
0.2997

154.4855, 0.3322,
0.3147

 10.1428, 0.3605,
0.2944

191.6881, 0.3308,
0.3157

 5.4937, 0.3711,
0.2870

234.4297, 0.3297,
0.3166

 2.5398, 0.3877,
0.2755

283.0947, 0.3286,

 0.8965, 0.4173,

0.3173

0.2555

338.0675, 0.3277,
0.3180

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3777, 0.3404,
0.3088

53.3777, 0.3404,
0.3088

44.2478, 0.3579,
0.2988

64.1043, 0.3260,
0.3185

36.6307, 0.3790,
0.2890

76.4921, 0.3142,
0.3277

30.4455, 0.4039,
0.2800

90.6105, 0.3046,
0.3363

25.6010, 0.4326,
0.2728

95.4058, 0.2970,
0.3290

■ 21.9952, 0.4642,
0.2688

■ 19.5114, 0.4973,
0.2691

■ 18.0098, 0.5293,
0.2746

■ 17.3088, 0.5543,
0.2827

Harmonies

Analogous

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



53.3777, 0.3129, 0.2918



53.3777, 0.3404, 0.3088



53.3777, 0.3608, 0.3311

Triad

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



53.3777, 0.3404, 0.3088



53.3777, 0.3380, 0.3783



53.3777, 0.2606, 0.3007

Complementary

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



53.3777, 0.3404, 0.3088



70.4702, 0.2913, 0.3502

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.



53.3777, 0.2667, 0.3239



53.3777, 0.3404, 0.3088



53.3777, 0.3107, 0.3706

Square

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



53.3777, 0.3404, 0.3088



53.3777, 0.3591, 0.3714



53.3777, 0.2847, 0.3501



53.3777, 0.2676, 0.2864

Rectangle

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



53.3777, 0.3404, 0.3088



53.3777, 0.3672, 0.3465



53.3777, 0.2847, 0.3501



53.3777, 0.2612, 0.3076

Sweetspot

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



53.3801, 0.3404, 0.3088



90.0160, 0.3194, 0.3236



52.0329, 0.3001, 0.2734



19.0448, 0.3201, 0.3230



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.



53.3801, 0.3404, 0.3088



62.3338, 0.3483, 0.3041



54.9556, 0.3546, 0.3356



14.4551, 0.3235, 0.3204



9.9130, 0.5502, 0.2805



0.7500, 0.5102, 0.2584

Inverse Universe

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



53.3801, 0.3404, 0.3088



62.3338, 0.3483, 0.3041



68.3096, 0.2804, 0.3223



14.4551, 0.3235, 0.3204



9.9130, 0.5502, 0.2805



0.7500, 0.5102, 0.2584

Previews

White Background



This preview shows how the Yxy color 53.3777, 0.3404, 0.3088 looks on a white background.

Color Contrast Check

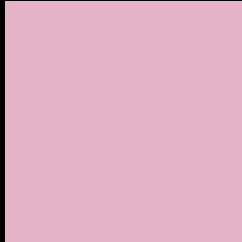
Large Text (above 18pt) WCAG AA × Fail

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 53.3777, 0.3404, 0.3088 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 53.3777, 0.3404, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 53.3777, 0.3404, 0.3088.



This preview shows how white text looks on a background with the Yxy color 53.3777, 0.3404, 0.3088.

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

53.3777, 0.3404, 0.3088

Protanopia

53.4445, 0.3039, 0.3132

Deuteranopia

53.4207, 0.3249, 0.3173



Tritanopia

53.6459, 0.3428, 0.3133

Trichromacy



Original Color

53.3777, 0.3404, 0.3088

Protanomaly

53.3525, 0.3168, 0.3124

Deuteranomaly

53.2176, 0.3312, 0.3140

Tritanomaly

53.6913, 0.3419, 0.3122

Monochromacy



Original Color

53.3777, 0.3404, 0.3088

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8481, 0.3229, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3777, 0.3404, 0.3088 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(229, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(229, 180, 198)  
}
```

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(229, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 180, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.3777, 0.3404, 0.3088 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(229, 180, 198) }
```

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

```
.border{ border-color:rgb(229, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(229, 180,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3777, 0.3404, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 180, 198) }
```

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

```
.background{ background-color: rgb(229,  
180, 198) }
```

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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