

Converting Colors

Yxy(53.6897, 0.3255, 0.2959)

Have a look what the booklet for
Yxy(53.6897, 0.3255, 0.2959)
contains.

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Color

Yxy(53.5982, 0.3252, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	E0B5D3
RGB	224, 181, 211
RGB Percent	88%, 71%, 83%
CMY	0.1216, 0.2902, 0.1724
CMYK	0.00, 0.19, 0.06, 0.12
HSL	318°, 41%, 79%
HSV	318°, 19%, 88%
XYZ	59.0252, 53.5982, 68.8809
YIQ	197.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

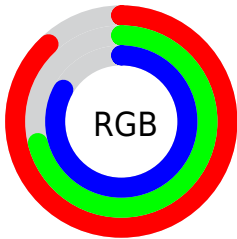
Format	Color
R_{YB}	224, 181, 211
Decimal	14726611
CIE _{Lab}	78.23, 20.43, -9.23
CIE _{LCh}	78, 22.420, 335.692
Yxy	53.5982, 0.3252, 0.2953
Android (android.graphics.Color)	4292916691 (0xFFE0B5D3)
YUV	197.2770, 6.7654, 23.4361
Hunter-Lab	73.2108, 15.7942, -4.5358

Details

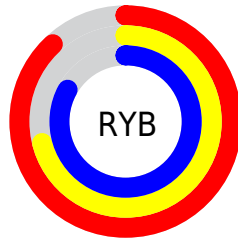
The Yxy color **53.5982, 0.3252, 0.2953** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.0302, 0.3021, 0.3653**, and the grayscale version is **55.9641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.1635, 0.3284, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **44.8796, 0.3334, 0.2770**, and if you desaturate by 10%, it is **63.8003, 0.3182, 0.3132**.

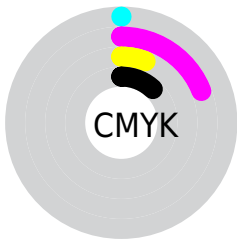
Distribution



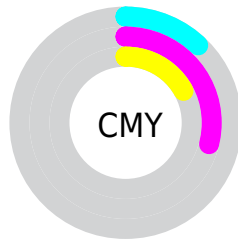
- Red (88%)
- Green (71%)
- Blue (83%)



- Red (88%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5982, 0.3252, 0.2953 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 53.5982, 0.3252, 0.2953 by changing the saturation by 10% instead.


 53.5982, 0.3252,
0.2953

 53.5982, 0.3252,
0.2953

400.5760, 0.3193,
0.3113

 38.2805, 0.3266,
0.2915


 95.4840, 0.3231,
0.3009

 26.2005, 0.3283,
0.2868


122.8210, 0.3223,
0.3031

 16.9737, 0.3305,
0.2808


154.9331, 0.3217,
0.3050

 10.2157, 0.3333,
0.2728

192.2049, 0.3211,
0.3066

 5.5422, 0.3373,
0.2615

235.0207, 0.3206,
0.3080

 2.5688, 0.3432,
0.2447

283.7649, 0.3201,

 0.9110, 0.3527,

0.3092

0.2171

338.8218, 0.3197,
0.3103

0.0000, 0.4198,
0.0000

0.0000, 0.0000,
0.0000

53.5982, 0.3252,
0.2953

53.5982, 0.3252,
0.2953

44.8796, 0.3334,
0.2770

63.8003, 0.3182,
0.3132

37.5674, 0.3427,
0.2590

75.5441, 0.3123,
0.3303

31.5882, 0.3533,
0.2420

88.8934, 0.3073,
0.3465

26.8590, 0.3650,
0.2271

93.5442, 0.3033,
0.3463

■ 23.2878, 0.3774,
0.2153

■ 93.9491, 0.2996,
0.3393

■ 20.7694, 0.3903,
0.2076

■ 94.3691, 0.2959,
0.3324

■ 19.1795, 0.4032,
0.2048

■ 94.5876, 0.2940,
0.3289

■ 18.3198, 0.4157,
0.2067

■ 18.2622, 0.4167,
0.2069

Harmonies

Analogous

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



53.5982, 0.2950, 0.2823



53.5982, 0.3252, 0.2953



53.5982, 0.3531, 0.3164

Triad

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



53.5982, 0.3252, 0.2953



53.5982, 0.3550, 0.3797



53.5982, 0.2587, 0.3123

Complementary

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



53.5982, 0.3252, 0.2953



67.0302, 0.3021, 0.3653

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.



53.5982, 0.2732, 0.3405



53.5982, 0.3252, 0.2953



53.5982, 0.3284, 0.3811

Square

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



53.5982, 0.3252, 0.2953



53.5982, 0.3705, 0.3644



53.5982, 0.2985, 0.3666



53.5982, 0.2578, 0.2906

Rectangle

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



53.5982, 0.3252, 0.2953



53.5982, 0.3660, 0.3329



53.5982, 0.2985, 0.3666



53.5982, 0.2621, 0.3214

Sweetspot

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



53.6006, 0.3252, 0.2953



90.3299, 0.3162, 0.3187



49.8866, 0.2908, 0.2779



19.1190, 0.3166, 0.3176



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.



53.6006, 0.3252, 0.2953



67.0303, 0.3283, 0.2881



52.5963, 0.3430, 0.3192



13.8615, 0.3184, 0.3128



10.6510, 0.4148, 0.2059



0.7539, 0.3969, 0.1960

Inverse Universe

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



53.6006, 0.3252, 0.2953



67.0303, 0.3283, 0.2881



68.0632, 0.2891, 0.3391



13.8615, 0.3184, 0.3128



10.6510, 0.4148, 0.2059



0.7539, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 53.5982, 0.3252, 0.2953 looks on a white background.

Color Contrast Check

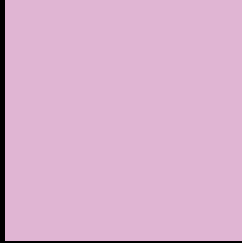
Large Text (above 18pt) WCAG AA × Fail

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 53.5982, 0.3252, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

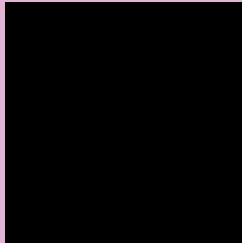
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5982, 0.3252, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 53.5982, 0.3252, 0.2953.



This preview shows how white text looks on a background with the Yxy color 53.5982, 0.3252, 0.2953.

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

53.5982, 0.3252, 0.2953

Protanopia

53.7084, 0.2924, 0.2978

Deuteranopia

53.5987, 0.3099, 0.3031



Tritanopia

53.4738, 0.3339, 0.3119

Trichromacy



Original Color

53.5982, 0.3252, 0.2953

Protanomaly

53.4293, 0.3038, 0.2972

Deuteranomaly

53.3481, 0.3157, 0.3001

Tritanomaly

53.4557, 0.3308, 0.3052

Monochromacy



Original Color

53.5982, 0.3252, 0.2953

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7913, 0.3174, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5982, 0.3252, 0.2953 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(224, 181, 211)` looks like.

```
.text, #text, p{  
    color:rgb(224, 181, 211)  
}
```

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(224, 181, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.5982, 0.3252, 0.2953 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(224, 181, 211) }
```

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

```
.border{ border-color:rgb(224, 181, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 181, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5982, 0.3252, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 211) }
```

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

```
.background{ background-color: rgb(224,  
181, 211) }
```

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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