

Converting Colors

$Y_{xy}(53.7271, 0.3292, 0.2984)$

Have a look what the booklet for
Yxy(53.7271, 0.3292, 0.2984)
contains.

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Color

Yxy(53.7706, 0.3293, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	E2B5D0
RGB	226, 181, 208
RGB Percent	89%, 71%, 82%
CMY	0.1139, 0.2901, 0.1843
CMYK	0.00, 0.20, 0.08, 0.11
HSL	324°, 44%, 80%
HSV	324°, 20%, 89%
XYZ	59.2592, 53.7706, 66.9253
YIQ	197.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

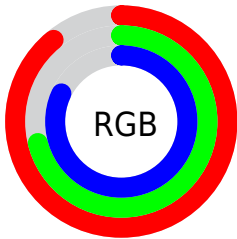
Format	Color
R _Y B	226, 181, 208
Decimal	14857680
CIE Lab	78.33, 20.56, -7.41
CIE LCh	78, 21.856, 340.169
Yxy	53.7706, 0.3293, 0.2988
Android (android.graphics.Color)	4293047760 (0xFFE2B5D0)
YUV	197.5330, 5.1602, 24.9656
Hunter-Lab	73.3284, 15.9272, -2.7828

Details

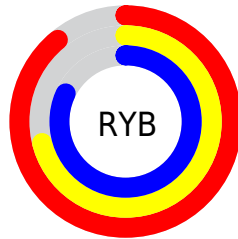
The Yxy color $53.7706, 0.3293, 0.2988$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $68.3124, 0.2991, 0.3613$, and the grayscale version is $56.1327, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $26.3175, 0.3329, 0.2908$ is the 20% darker color. If you saturate the color by 10%, you get $44.8838, 0.3400, 0.2829$, and if you desaturate by 10%, it is $64.1776, 0.3202, 0.3144$.

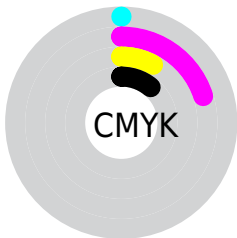
Distribution



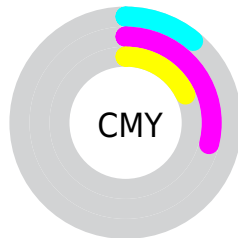
- Red (89%)
- Green (71%)
- Blue (82%)



- Red (89%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7706, 0.3293, 0.2988 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 53.7706, 0.3293, 0.2988 by changing the saturation by 10% instead.


 53.7706, 0.3293,
0.2988

 53.7706, 0.3293,
0.2988


401.2346, 0.3214,
0.3132

 38.4183, 0.3312,
0.2954


 95.7373, 0.3265,
0.3039

 26.3075, 0.3335,
0.2912


123.1206, 0.3254,
0.3058

 17.0538, 0.3366,
0.2857


155.2829, 0.3245,
0.3075

 10.2729, 0.3406,
0.2784

192.6087, 0.3237,
0.3089

 5.5803, 0.3463,
0.2682

235.4824, 0.3230,
0.3102

 2.5916, 0.3550,
0.2528

284.2883, 0.3224,

 0.9224, 0.3696,

0.3113

0.2272

339.4109, 0.3219,
0.3123

0.0000, 0.5071,
0.0000

0.0000, 0.0000,
0.0000

53.7706, 0.3293,
0.2988

53.7706, 0.3293,
0.2988

44.8838, 0.3400,
0.2829

64.1776, 0.3202,
0.3144

37.4378, 0.3526,
0.2671

76.1649, 0.3126,
0.3292

31.3571, 0.3670,
0.2523

89.7980, 0.3063,
0.3431

26.5561, 0.3832,
0.2395

94.2183, 0.3011,
0.3400

■ 22.9396, 0.4007,
0.2297

■ 94.7808, 0.2962,
0.3308

■ 20.3989, 0.4192,
0.2243

■ 94.8998, 0.2952,
0.3289

■ 18.8050, 0.4377,
0.2240

■ 17.9363, 0.4558,
0.2285

■ 17.9273, 0.4560,
0.2286

Harmonies

Analogous

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



53.7706, 0.2997, 0.2847



53.7706, 0.3293, 0.2988



53.7706, 0.3553, 0.3202

Triad

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



53.7706, 0.3293, 0.2988



53.7706, 0.3505, 0.3795



53.7706, 0.2590, 0.3091

Complementary

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



53.7706, 0.3293, 0.2988



68.3124, 0.2991, 0.3613

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.



53.7706, 0.2714, 0.3361



53.7706, 0.3293, 0.2988



53.7706, 0.3237, 0.3786

Square

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



53.7706, 0.3293, 0.2988



53.7706, 0.3676, 0.3664



53.7706, 0.2947, 0.3623



53.7706, 0.2603, 0.2894

Rectangle

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



53.7706, 0.3293, 0.2988



53.7706, 0.3665, 0.3365



53.7706, 0.2947, 0.3623



53.7706, 0.2617, 0.3176

Sweetspot

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



53.7730, 0.3293, 0.2988



90.2361, 0.3171, 0.3201



50.5867, 0.2928, 0.2764



19.0968, 0.3177, 0.3192



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.



53.7730, 0.3293, 0.2988



65.4982, 0.3337, 0.2920



52.7758, 0.3475, 0.3231



13.8380, 0.3199, 0.3150



10.2572, 0.4533, 0.2271



0.7285, 0.4274, 0.2128

Inverse Universe

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



53.7730, 0.3293, 0.2988



65.4982, 0.3337, 0.2920



69.3945, 0.2861, 0.3350



13.8380, 0.3199, 0.3150



10.2572, 0.4533, 0.2271



0.7285, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 53.7706, 0.3293, 0.2988 looks on a white background.

Color Contrast Check

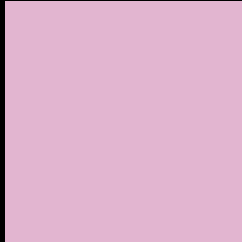
Large Text (above 18pt) WCAG AA × Fail

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 53.7706, 0.3293, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

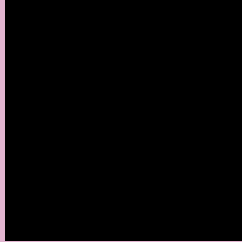
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7706, 0.3293, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 53.7706, 0.3293, 0.2988.



This preview shows how white text looks on a background with the Yxy color 53.7706, 0.3293, 0.2988.

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

53.7706, 0.3293, 0.2988

Protanopia

54.1226, 0.2953, 0.3025

Deuteranopia

53.7368, 0.3138, 0.3067



Tritanopia

53.7455, 0.3365, 0.3131

Trichromacy



Original Color

53.7706, 0.3293, 0.2988

Protanomaly

53.9860, 0.3075, 0.3020

Deuteranomaly

53.4991, 0.3197, 0.3036

Tritanomaly

53.6805, 0.3341, 0.3075

Monochromacy



Original Color

53.7706, 0.3293, 0.2988

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3734, 0.3181, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7706, 0.3293, 0.2988 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(226, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 208)  
}
```

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(226, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 208) }
```

Border

The CSS property to change the border of an element to Yxy 53.7706, 0.3293, 0.2988 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(226, 181, 208) }
```

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

```
.border{ border-color:rgb(226, 181, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 181, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 181, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 181,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7706, 0.3293, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 208) }
```

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

```
.background{ background-color: rgb(226,  
181, 208) }
```

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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