

Converting Colors

Yxy(58.8368, 0.3157, 0.2991)

Have a look what the booklet for
Yxy(58.8368, 0.3157, 0.2991)
contains.

Yxy(58.8368, 0.3157, 0.2991)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.8368, 0.3157, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	DEC1DC
RGB	222, 193, 220
RGB Percent	87%, 76%, 86%
CMY	0.1295, 0.2431, 0.1374
CMYK	0.00, 0.13, 0.01, 0.13
HSL	304°, 30%, 81%
HSV	304°, 13%, 87%
XYZ	62.1022, 58.8368, 75.7738
YIQ	204.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

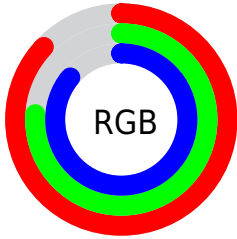
Format	Color
R _Y B	222, 193, 220
Decimal	14598620
CIE Lab	81.20, 14.90, -9.65
CIE LCh	81, 17.747, 327.077
Yxy	58.8368, 0.3157, 0.2991
Android (android.graphics.Color)	4292788700 (0xFFDEC1DC)
YUV	204.7490, 7.5187, 15.1291
Hunter-Lab	76.7051, 10.2836, -4.8765

Details

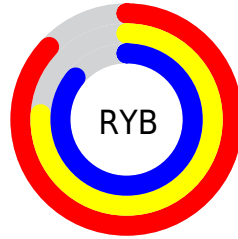
The Yxy color **58.8368, 0.3157, 0.2991** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.5075, 0.3098, 0.3608**, and the grayscale version is **60.8288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.3973, 0.3166, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **49.6688, 0.3183, 0.2756**, and if you desaturate by 10%, it is **69.4835, 0.3134, 0.3222**.

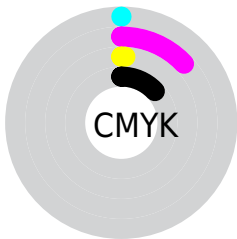
Distribution



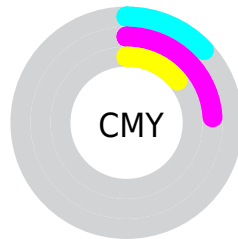
- Red (87%)
- Green (76%)
- Blue (86%)



- Red (87%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8368, 0.3157, 0.2991 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 58.8368, 0.3157, 0.2991 by changing the saturation by 10% instead.

 58.8368, 0.3157,
0.2991

 58.8368, 0.3157,
0.2991


420.2969, 0.3144,
0.3131

 42.4818, 0.3160,
0.2958


 103.1404, 0.3153,
0.3040

 29.4787, 0.3163,
0.2918


131.8578, 0.3151,
0.3059

 19.4433, 0.3167,
0.2866


165.4648, 0.3150,
0.3075

 11.9910, 0.3171,
0.2798

204.3457, 0.3148,
0.3090

 6.7375, 0.3177,
0.2704

248.8849, 0.3147,
0.3102

 3.2985, 0.3183,
0.2565

299.4670, 0.3146,

 1.2895, 0.3187,

0.3113

0.2342

356.4761, 0.3145,
0.3123

0.1330, 0.3398,
0.0922

0.0000, 0.0000,
0.0000

58.8368, 0.3157,
0.2991

58.8368, 0.3157,
0.2991

49.6688, 0.3183,
0.2756

69.4835, 0.3134,
0.3222

41.9066, 0.3210,
0.2523

81.6627, 0.3113,
0.3443

35.4822, 0.3239,
0.2301

92.4575, 0.3096,
0.3605

30.3194, 0.3269,
0.2100

92.5412, 0.3088,
0.3589

■ 26.3341, 0.3299,
0.1928

■ 92.6257, 0.3079,
0.3573

■ 23.4319, 0.3327,
0.1794

■ 92.7110, 0.3071,
0.3557

■ 21.5042, 0.3354,
0.1703

■ 92.7970, 0.3062,
0.3540

■ 20.4195, 0.3377,
0.1656

■ 92.8838, 0.3053,
0.3524

■ 20.0130, 0.3392,
0.1643

■ 92.9713, 0.3045,
0.3508

Harmonies

Analogous

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



58.8368, 0.2932, 0.2913



58.8368, 0.3157, 0.2991



58.8368, 0.3381, 0.3142

Triad

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



58.8368, 0.3157, 0.2991



58.8368, 0.3497, 0.3656



58.8368, 0.2731, 0.3225

Complementary

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



58.8368, 0.3157, 0.2991



67.5075, 0.3098, 0.3608

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.



58.8368, 0.2873, 0.3441



58.8368, 0.3157, 0.2991



58.8368, 0.3314, 0.3696

Square

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



58.8368, 0.3157, 0.2991



58.8368, 0.3582, 0.3520



58.8368, 0.3085, 0.3618



58.8368, 0.2692, 0.3038

Rectangle

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



58.8368, 0.3157, 0.2991



58.8368, 0.3498, 0.3267



58.8368, 0.3085, 0.3618



58.8368, 0.2768, 0.3297

Sweetspot

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



58.8394, 0.3157, 0.2991



93.6186, 0.3136, 0.3199



55.0164, 0.2934, 0.2949



19.7895, 0.3138, 0.3182



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.



58.8394, 0.3157, 0.2991



76.4945, 0.3165, 0.2919



58.1086, 0.3266, 0.3149



13.9185, 0.3148, 0.3075



11.8978, 0.3390, 0.1641



0.8297, 0.3359, 0.1624

Inverse Universe

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



58.8394, 0.3157, 0.2991



76.4945, 0.3165, 0.2919



68.1912, 0.3006, 0.3436



13.9185, 0.3148, 0.3075



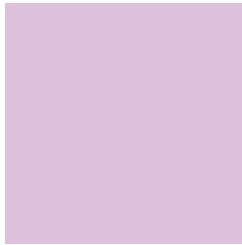
11.8978, 0.3390, 0.1641



0.8297, 0.3359, 0.1624

Previews

White Background



This preview shows how the Yxy color 58.8368, 0.3157, 0.2991 looks on a white background.

Color Contrast Check

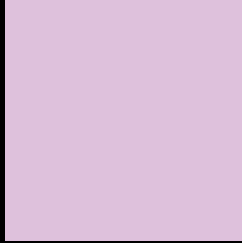
Large Text (above 18pt) WCAG AA × Fail

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 58.8368, 0.3157, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

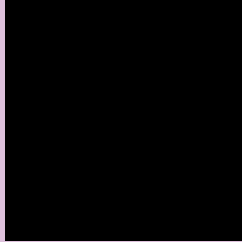
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8368, 0.3157, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 58.8368, 0.3157, 0.2991.



This preview shows how white text looks on a background with the Yxy color 58.8368, 0.3157, 0.2991.

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

58.8368, 0.3157, 0.2991

Protanopia

58.8869, 0.2945, 0.3001

Deuteranopia

58.7405, 0.3093, 0.3029



Tritanopia

59.0555, 0.3223, 0.3122

Trichromacy



Original Color

58.8368, 0.3157, 0.2991

Protanomaly

58.5256, 0.3018, 0.2993

Deuteranomaly

58.7436, 0.3116, 0.3020

Tritanomaly

58.8108, 0.3193, 0.3066

Monochromacy



Original Color

58.8368, 0.3157, 0.2991

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2753, 0.3140, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8368, 0.3157, 0.2991 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(222, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 220)  
}
```

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(222, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.8368, 0.3157, 0.2991 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(222, 193, 220) }
```

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

```
.border{ border-color:rgb(222, 193, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8368, 0.3157, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 220) }
```

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

```
.background{ background-color: rgb(222,  
193, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor