

Converting Colors

$Yxy(58.6821, 0.3142, 0.2956)$

Have a look what the booklet for
Yxy(58.6821, 0.3142, 0.2956)
contains.

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Color

Yxy(58.5028, 0.3143, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	DECODE
RGB	222, 192, 222
RGB Percent	87%, 75%, 87%
CMY	0.1293, 0.2471, 0.1295
CMYK	0.00, 0.14, 0.00, 0.13
HSL	300°, 31%, 81%
HSV	300°, 14%, 87%
XYZ	62.1617, 58.5028, 77.1137
YIQ	204.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

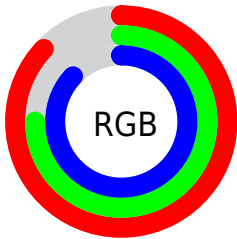
Format	Color
R _Y B	222, 192, 222
Decimal	14598366
CIE Lab	81.02, 15.83, -11.00
CIE LCh	81, 19.277, 325.199
Yxy	58.5028, 0.3143, 0.2958
Android (android.graphics.Color)	4292788446 (0xFFDEC0DE)
YUV	204.3900, 8.6817, 15.4440
Hunter-Lab	76.4871, 11.2159, -6.2347

Details

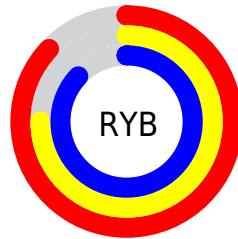
The Yxy color **58.5028, 0.3143, 0.2958** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2674, 0.3110, 0.3646**, and the grayscale version is **60.5855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **29.1825, 0.3147, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **49.4785, 0.3155, 0.2708**, and if you desaturate by 10%, it is **69.0029, 0.3131, 0.3205**.

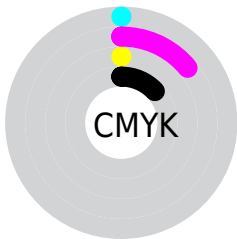
Distribution



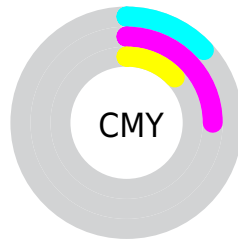
- Red (87%)
- Green (75%)
- Blue (87%)



- Red (87%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)




- Cyan (13%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5028, 0.3143, 0.2958 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 58.5028, 0.3143, 0.2958 by changing the saturation by 10% instead.

 58.5028, 0.3143,
0.2958

 58.5028, 0.3143,
0.2958

419.0569, 0.3137,
0.3114

 42.2130, 0.3144,
0.2922


 102.6547, 0.3141,
0.3012

 29.2681, 0.3145,
0.2877


131.2856, 0.3141,
0.3033

 19.2837, 0.3146,
0.2820

164.7989, 0.3140,
0.3051

 11.8755, 0.3146,
0.2745

203.5792, 0.3139,
0.3067

 6.6589, 0.3146,
0.2641

248.0107, 0.3139,
0.3081

 3.2497, 0.3143,
0.2489


298.4779, 0.3138,

 1.2635, 0.3131,


0.3093


0.2247


355.3652, 0.3138,
0.3104


 0.1126, 0.3294,
0.0752

 0.0000, 0.0000,
0.0000


 58.5028, 0.3143,
0.2958


 58.5028, 0.3143,
0.2958


 49.4785, 0.3155,
0.2708


 69.0029, 0.3131,
0.3205


 41.8567, 0.3167,
0.2462

 81.0326, 0.3120,
0.3443

 35.5693, 0.3178,
0.2230

 92.3302, 0.3111,
0.3632

 30.5395, 0.3188,
0.2021

 92.3315, 0.3111,
0.3632

■ 26.6828, 0.3197,
0.1845

■ 92.3328, 0.3111,
0.3631

■ 23.9044, 0.3203,
0.1707

■ 92.3341, 0.3110,
0.3631

■ 22.0944, 0.3208,
0.1613

■ 92.3355, 0.3110,
0.3631

■ 21.1201, 0.3211,
0.1561

■ 92.3368, 0.3110,
0.3631

■ 20.7948, 0.3212,
0.1543

■ 92.3381, 0.3110,
0.3630

Harmonies

Analogous

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



58.5028, 0.2900, 0.2879



58.5028, 0.3143, 0.2958



58.5028, 0.3390, 0.3117

Triad

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



58.5028, 0.3143, 0.2958



58.5028, 0.3539, 0.3681



58.5028, 0.2704, 0.3233

Complementary

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



58.5028, 0.3143, 0.2958



67.2674, 0.3110, 0.3646

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.



58.5028, 0.2863, 0.3469



58.5028, 0.3143, 0.2958



58.5028, 0.3344, 0.3734

Square

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



58.5028, 0.3143, 0.2958



58.5028, 0.3624, 0.3527



58.5028, 0.3096, 0.3657



58.5028, 0.2654, 0.3025

Rectangle

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



58.5028, 0.3143, 0.2958



58.5028, 0.3521, 0.3251



58.5028, 0.3096, 0.3657



58.5028, 0.2746, 0.3312

Sweetspot

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



58.5053, 0.3143, 0.2958



93.6631, 0.3132, 0.3193



54.1806, 0.2911, 0.2933



19.8009, 0.3133, 0.3174



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.



58.5053, 0.3143, 0.2958



76.6715, 0.3146, 0.2893



57.7376, 0.3257, 0.3121



13.9354, 0.3138, 0.3059



12.3492, 0.3212, 0.1543



0.8561, 0.3212, 0.1543

Inverse Universe

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



58.5053, 0.3143, 0.2958



76.6715, 0.3146, 0.2893



67.9657, 0.3015, 0.3465



13.9354, 0.3138, 0.3059



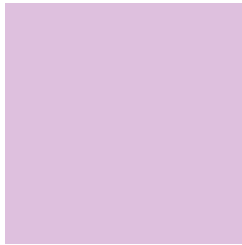
12.3492, 0.3212, 0.1543



0.8561, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 58.5028, 0.3143, 0.2958 looks on a white background.

Color Contrast Check

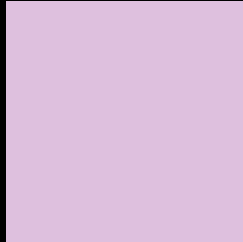
Large Text (above 18pt) WCAG AA × Fail

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 58.5028, 0.3143, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

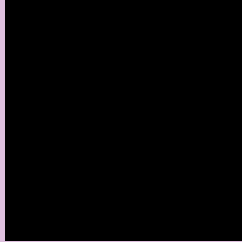
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5028, 0.3143, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 58.5028, 0.3143, 0.2958.



This preview shows how white text looks on a background with the Yxy color 58.5028, 0.3143, 0.2958.

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

58.5028, 0.3143, 0.2958

Protanopia

58.7249, 0.2917, 0.2977

Deuteranopia

58.6974, 0.3071, 0.3007



Tritanopia

58.4027, 0.3223, 0.3121

Trichromacy



Original Color

58.5028, 0.3143, 0.2958

Protanomaly

58.4906, 0.2997, 0.2970

Deuteranomaly

58.8496, 0.3102, 0.2998

Tritanomaly

58.3671, 0.3194, 0.3055

Monochromacy



Original Color

58.5028, 0.3143, 0.2958

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8606, 0.3133, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5028, 0.3143, 0.2958 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, 192, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 222)  
}
```

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, 192, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.5028, 0.3143, 0.2958 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, 192, 222) }
```

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

```
.border{ border-color:rgb(222, 192, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5028, 0.3143, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 222) }
```

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

```
.background{ background-color: rgb(222,  
192, 222) }
```

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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