

Converting Colors

$Yxy(59.7688, 0.3139, 0.2969)$

Have a look what the booklet for
Yxy(59.7688, 0.3139, 0.2969)
contains.

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Color

Yxy(59.5993, 0.3142, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	DFC2DF
RGB	223, 194, 223
RGB Percent	87%, 76%, 87%
CMY	0.1257, 0.2391, 0.1256
CMYK	0.00, 0.13, 0.00, 0.13
HSL	300°, 31%, 82%
HSV	300°, 13%, 87%
XYZ	63.0296, 59.5993, 77.9746
YIQ	205.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

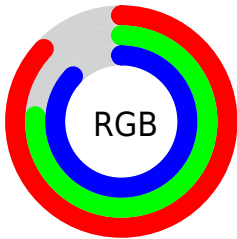
Format	Color
R _Y B	223, 194, 223
Decimal	14664415
CIE Lab	81.62, 15.24, -10.62
CIE LCh	82, 18.581, 325.124
Yxy	59.5993, 0.3142, 0.2971
Android (android.graphics.Color)	4292854495 (0xFFDFC2DF)
YUV	205.9770, 8.3923, 14.9292
Hunter-Lab	77.2006, 10.6335, -5.8440

Details

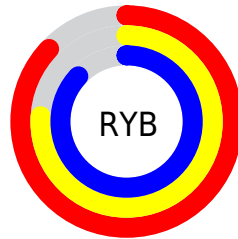
The Yxy color **59.5993, 0.3142, 0.2971** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.1322, 0.3111, 0.3631**, and the grayscale version is **61.6458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.9082, 0.3146, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **50.4067, 0.3154, 0.2721**, and if you desaturate by 10%, it is **70.2862, 0.3131, 0.3218**.

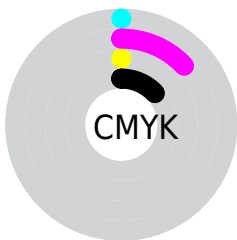
Distribution



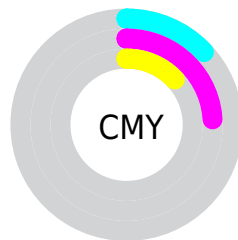
- Red (87%)
- Green (76%)
- Blue (87%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5993, 0.3142, 0.2971 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 59.5993, 0.3142, 0.2971 by changing the saturation by 10% instead.

 59.5993, 0.3142,
0.2971

 59.5993, 0.3142,
0.2971


423.1192, 0.3137,
0.3120

 43.0957, 0.3143,
0.2937


 104.2482, 0.3140,
0.3023

 29.9602, 0.3144,
0.2894


133.1623, 0.3140,
0.3043

 19.8084, 0.3145,
0.2839


166.9820, 0.3139,
0.3061

 12.2559, 0.3145,
0.2768

206.0918, 0.3138,
0.3076

 6.9182, 0.3145,
0.2669

250.8761, 0.3138,
0.3089

 3.4110, 0.3142,
0.2525

301.7191, 0.3137,

 1.3499, 0.3132,

0.3100

0.2295

359.0054, 0.3137,
0.3111

0.1793, 0.3269,
0.1080

0.0000, 0.0000,
0.0000

59.5993, 0.3142,
0.2971

59.5993, 0.3142,
0.2971

50.4067, 0.3154,
0.2721

70.2862, 0.3131,
0.3218

42.6346, 0.3165,
0.2474

82.5216, 0.3119,
0.3455

36.2145, 0.3176,
0.2241

92.5335, 0.3112,
0.3622

31.0692, 0.3186,
0.2030

92.5355, 0.3112,
0.3622

27.1137, 0.3194,
0.1851

92.5374, 0.3112,
0.3622

24.2527, 0.3200,
0.1712

92.5394, 0.3112,
0.3622

22.3764, 0.3205,
0.1615

92.5414, 0.3112,
0.3622

21.3520, 0.3207,
0.1560

92.5433, 0.3112,
0.3622

20.9905, 0.3208,
0.1541

92.5453, 0.3112,
0.3622

Harmonies

Analogous

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



59.5993, 0.2910, 0.2895



59.5993, 0.3142, 0.2971



59.5993, 0.3378, 0.3124

Triad

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



59.5993, 0.3142, 0.2971



59.5993, 0.3522, 0.3665



59.5993, 0.2721, 0.3236

Complementary

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



59.5993, 0.3142, 0.2971



68.1322, 0.3111, 0.3631

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.



59.5993, 0.2875, 0.3462



59.5993, 0.3142, 0.2971



59.5993, 0.3336, 0.3715

Square

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



59.5993, 0.3142, 0.2971



59.5993, 0.3603, 0.3517



59.5993, 0.3098, 0.3641



59.5993, 0.2674, 0.3037

Rectangle

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



59.5993, 0.3142, 0.2971



59.5993, 0.3504, 0.3252



59.5993, 0.3098, 0.3641



59.5993, 0.2762, 0.3312

Sweetspot

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



59.6019, 0.3142, 0.2971



93.6628, 0.3132, 0.3192



55.6083, 0.2921, 0.2955



19.8008, 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.



59.6019, 0.3142, 0.2971



76.6701, 0.3146, 0.2893



58.8807, 0.3247, 0.3123



13.9353, 0.3138, 0.3059



12.3455, 0.3208, 0.1541



0.8558, 0.3208, 0.1541

Inverse Universe

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



58.1750, 0.3363, 0.3291



74.3209, 0.3432, 0.3291



68.7889, 0.3022, 0.3464



13.7007, 0.3292, 0.3290



9.2245, 0.6400, 0.3299



0.6394, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 59.5993, 0.3142, 0.2971 looks on a white background.

Color Contrast Check

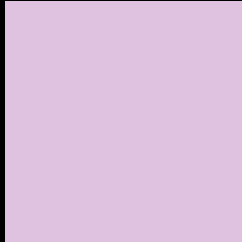
Large Text (above 18pt) WCAG AA × Fail

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 59.5993, 0.3142, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

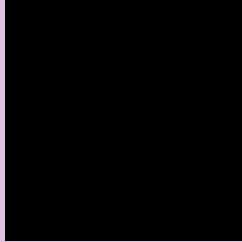
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5993, 0.3142, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 59.5993, 0.3142, 0.2971.



This preview shows how white text looks on a background with the Yxy color 59.5993, 0.3142, 0.2971.

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

59.5993, 0.3142, 0.2971

Protanopia

59.9846, 0.2926, 0.2991

Deuteranopia

59.5026, 0.3078, 0.3009



Tritanopia

59.5552, 0.3214, 0.3122

Trichromacy



Original Color

59.5993, 0.3142, 0.2971

Protanomaly

59.7477, 0.3005, 0.2984

Deuteranomaly

59.5055, 0.3102, 0.2999

Tritanomaly

59.4661, 0.3193, 0.3067

Monochromacy



Original Color

59.5993, 0.3142, 0.2971

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9916, 0.3133, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5993, 0.3142, 0.2971 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(223, 194, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 194, 223)  
}
```

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(223, 194, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 194, 223) }
```

Border

The CSS property to change the border of an element to Yxy 59.5993, 0.3142, 0.2971 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(223, 194, 223) }
```

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

```
.border{ border-color:rgb(223, 194, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 194, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 194, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 194, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 194,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5993, 0.3142, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 194, 223) }
```

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

```
.background{ background-color: rgb(223,  
194, 223) }
```

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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