

Converting Colors

$Y_{xy}(59.1900, 0.2888, 0.2602)$

Have a look what the booklet for
Yxy(59.1900, 0.2888, 0.2602)
contains.

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Color

Yxy(59.1070, 0.2889, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	DBBEFF
RGB	219, 190, 255
RGB Percent	86%, 75%, 100%
CMY	0.1412, 0.2549, 0.0000
CMYK	0.14, 0.25, 0.00, 0.00
HSL	267°, 100%, 87%
HSV	267°, 25%, 100%
XYZ	65.6770, 59.1070, 102.5506
YIQ	206.0810, -3.5810, 26.3630

Conversions

Conversions Part 2

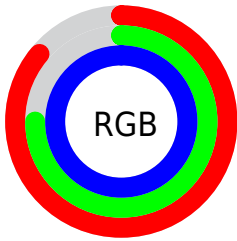
Format	Color
R _Y B	219, 190, 255
Decimal	14401279
CIE Lab	81.35, 22.43, -28.20
CIE LCh	81, 36.030, 308.494
Yxy	59.1070, 0.2889, 0.2600
Android (android.graphics.Color)	4292591359 (0xFFDBBEFF)
YUV	206.0810, 24.1171, 11.3300
Hunter-Lab	76.8811, 17.9448, -25.2694

Details

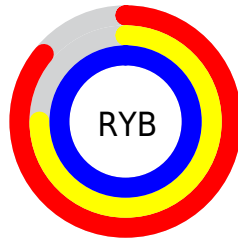
The Yxy color **59.1070, 0.2889, 0.2600** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.4032, 0.3320, 0.3971**, and the grayscale version is **61.6223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **29.4721, 0.2821, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **46.9144, 0.2770, 0.2298**, and if you desaturate by 10%, it is **73.4226, 0.2993, 0.2887**.

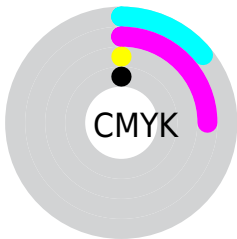
Distribution



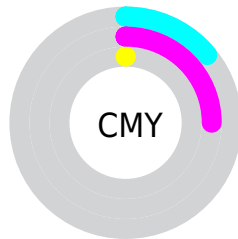
- Red (86%)
- Green (75%)
- Blue (100%)



- Red (86%)
- Yellow (75%)
- Blue (100%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1070, 0.2889, 0.2600 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 59.1070, 0.2889, 0.2600 by changing the saturation by 10% instead.


 59.1070, 0.2889,
0.2600

 59.1070, 0.2889,
0.2600


421.2983, 0.3007,
0.2914

 42.6993, 0.2860,
0.2530


 103.5332, 0.2931,
0.2708

 29.6492, 0.2824,
0.2444


132.3204, 0.2947,
0.2750

 19.5725, 0.2777,
0.2337


166.0029, 0.2961,
0.2787

 12.0847, 0.2714,
0.2200

204.9650, 0.2973,
0.2819

 6.8014, 0.2625,
0.2020

249.5913, 0.2983,
0.2847

 3.3382, 0.2491,
0.1772

300.2660, 0.2992,

 1.3107, 0.2275,

0.2872

0.1419

357.3735, 0.3000,
0.2894

0.1495, 0.1964,
0.0426

0.0000, 0.0000,
0.0000

59.1070, 0.2889,
0.2600

59.1070, 0.2889,
0.2600

46.9144, 0.2770,
0.2298

73.4226, 0.2993,
0.2887

36.7322, 0.2639,
0.1990

89.9515, 0.3083,
0.3154

28.4484, 0.2498,
0.1689

99.9997, 0.3127,
0.3290

21.9364, 0.2352,
0.1412

■ 17.0537, 0.2208,
0.1173

■ 13.6347, 0.2072,
0.0988

■ 11.4754, 0.1952,
0.0864

■ 10.7829, 0.1904,
0.0822

Harmonies

Analogous

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



59.1070, 0.2514, 0.2546



59.1070, 0.2889, 0.2600



59.1070, 0.3359, 0.2806

Triad

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



59.1070, 0.2889, 0.2600



59.1070, 0.4010, 0.3844



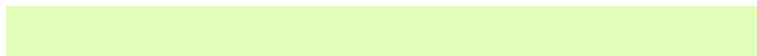
59.1070, 0.2491, 0.3420

Complementary

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



59.1070, 0.2889, 0.2600



91.4032, 0.3320, 0.3971

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.



59.1070, 0.2857, 0.3858



59.1070, 0.2889, 0.2600



59.1070, 0.3738, 0.4087

Square

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



59.1070, 0.2889, 0.2600



59.1070, 0.4035, 0.3492



59.1070, 0.3313, 0.4110



59.1070, 0.2298, 0.2978

Rectangle

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



59.1070, 0.2889, 0.2600



59.1070, 0.3661, 0.3008



59.1070, 0.3313, 0.4110



59.1070, 0.2596, 0.3576

Sweetspot

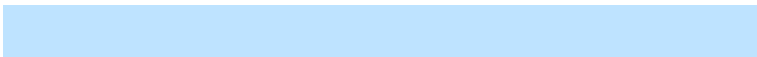
The Sweet Spot groups the original color and five complimentary colors.



59.1095, 0.2889, 0.2600



85.5879, 0.3062, 0.3089



73.0142, 0.2724, 0.2981



17.7745, 0.3049, 0.3049



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.



59.1095, 0.2889, 0.2600



52.1332, 0.2825, 0.2435



64.4952, 0.3124, 0.2647



17.7745, 0.3049, 0.3049



5.7200, 0.1921, 0.0832



0.6206, 0.2046, 0.0901

Inverse Universe

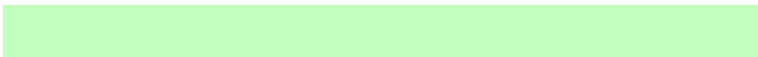
The Inverse Universe completely reimagines the original color for something new.



63.5787, 0.3377, 0.2926



57.4438, 0.3447, 0.2843



86.7493, 0.3119, 0.4015



18.1555, 0.3207, 0.3159



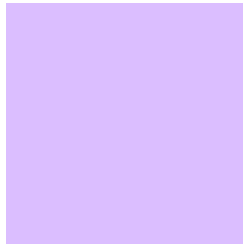
12.1475, 0.4737, 0.2383



1.2048, 0.4514, 0.2260

Previews

White Background



This preview shows how the Yxy color 59.1070, 0.2889, 0.2600 looks on a white background.

Color Contrast Check

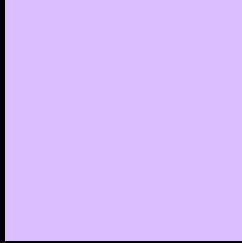
Large Text (above 18pt) WCAG AA × Fail

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 59.1070, 0.2889, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

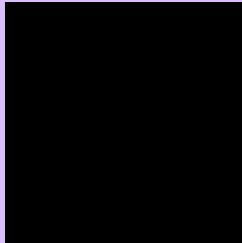
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1070, 0.2889, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 59.1070, 0.2889, 0.2600.

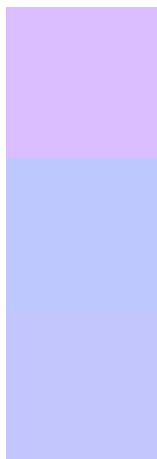


This preview shows how white text looks on a background with the Yxy color 59.1070, 0.2889, 0.2600.

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

59.1070, 0.2889, 0.2600

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

59.0821, 0.2739, 0.2678



Tritanopia

59.1893, 0.3127, 0.3119

Trichromacy



Original Color

59.1070, 0.2889, 0.2600

Protanomaly

58.8420, 0.2752, 0.2640

Deuteranomaly

59.0233, 0.2791, 0.2644

Tritanomaly

59.0787, 0.3044, 0.2922

Monochromacy



Original Color

59.1070, 0.2889, 0.2600

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.5393, 0.3041, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1070, 0.2889, 0.2600 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(219, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 255)  
}
```

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(219, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.1070, 0.2889, 0.2600 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(219, 190, 255) }
```

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

```
.border{ border-color:rgb(219, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1070, 0.2889, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 255) }
```

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

```
.background{ background-color: rgb(219,  
190, 255) }
```

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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