

Converting Colors

$Y_{xy}(60.5672, 0.2862, 0.2556)$

Have a look what the booklet for
Yxy(60.5672, 0.2862, 0.2556)
contains.

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Color

Yxy(60.2914, 0.2904, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	DDC0FF
RGB	221, 192, 255
RGB Percent	87%, 75%, 100%
CMY	0.1333, 0.2471, 0.0000
CMYK	0.13, 0.25, 0.00, 0.00
HSL	268°, 100%, 88%
HSV	268°, 25%, 100%
XYZ	66.7249, 60.2914, 102.7527
YIQ	207.8530, -2.9390, 25.7410

Conversions

Conversions Part 2

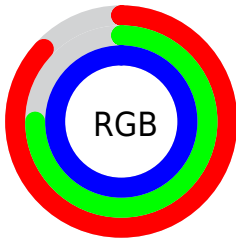
Format	Color
R _Y B	221, 192, 255
Decimal	14532863
CIE Lab	82.00, 21.98, -27.21
CIE LCh	82, 34.983, 308.927
Yxy	60.2914, 0.2904, 0.2624
Android (android.graphics.Color)	4292722943 (0xFFDDC0FF)
YUV	207.8530, 23.2435, 11.5299
Hunter-Lab	77.6475, 17.5074, -24.1065

Details

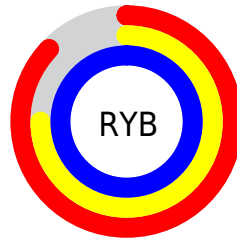
The Yxy color **60.2914, 0.2904, 0.2624** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.4913, 0.3309, 0.3950**, and the grayscale version is **62.8251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **30.2535, 0.2841, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **47.9759, 0.2790, 0.2325**, and if you desaturate by 10%, it is **74.7248, 0.3005, 0.2909**.

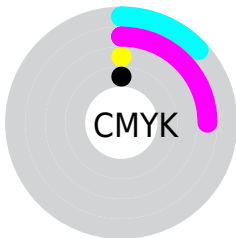
Distribution



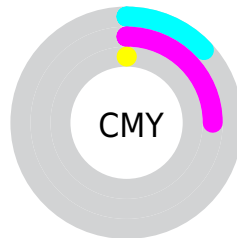
- Red (87%)
- Green (75%)
- Blue (100%)



- Red (87%)
- Yellow (75%)
- Blue (100%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2914, 0.2904, 0.2624 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 60.2914, 0.2904, 0.2624 by changing the saturation by 10% instead.

 60.2914, 0.2904,
0.2624

 60.2914, 0.2904,
0.2624


425.6710, 0.3014,
0.2927

 43.6536, 0.2877,
0.2556

 105.2523, 0.2944,
0.2728

 30.3982, 0.2843,
0.2474


134.3441, 0.2959,
0.2769

 20.1411, 0.2800,
0.2371


168.3560, 0.2971,
0.2804

 12.4976, 0.2741,
0.2239

207.6724, 0.2982,
0.2835

 7.0835, 0.2658,
0.2065

252.6777, 0.2992,
0.2862

 3.5144, 0.2533,
0.1827

303.7563, 0.3000,

 1.4058, 0.2332,

0.2886

0.1485

361.2926, 0.3008,
0.2907

0.2210, 0.2042,
0.0604

0.0000, 0.0000,
0.0000

60.2914, 0.2904,
0.2624

60.2914, 0.2904,
0.2624

47.9759, 0.2790,
0.2325

74.7248, 0.3005,
0.2909

37.6725, 0.2663,
0.2019

91.3713, 0.3091,
0.3173

29.2682, 0.2526,
0.1719

100.0000, 0.3127,
0.3290

22.6380, 0.2383,
0.1441

■ 17.6415, 0.2241,
0.1202

■ 14.1154, 0.2107,
0.1014

■ 11.8603, 0.1987,
0.0885

■ 11.0331, 0.1930,
0.0837

Harmonies

Analogous

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



60.2914, 0.2538, 0.2570



60.2914, 0.2904, 0.2624



60.2914, 0.3358, 0.2826

Triad

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



60.2914, 0.2904, 0.2624



60.2914, 0.3977, 0.3832



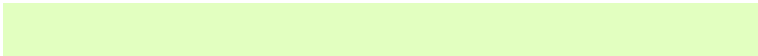
60.2914, 0.2509, 0.3410

Complementary

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



60.2914, 0.2904, 0.2624



91.4913, 0.3309, 0.3950

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.



60.2914, 0.2861, 0.3831



60.2914, 0.2904, 0.2624



60.2914, 0.3713, 0.4061

Square

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



60.2914, 0.2904, 0.2624



60.2914, 0.4004, 0.3493



60.2914, 0.3301, 0.4077



60.2914, 0.2324, 0.2985

Rectangle

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



60.2914, 0.2904, 0.2624



60.2914, 0.3648, 0.3023



60.2914, 0.3301, 0.4077



60.2914, 0.2610, 0.3559

Sweetspot

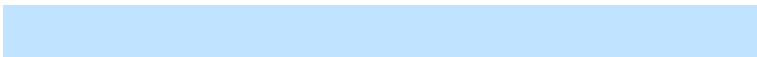
The Sweet Spot groups the original color and five complimentary colors.



60.2920, 0.2904, 0.2624



87.3546, 0.3072, 0.3115



73.1719, 0.2735, 0.2980



18.4754, 0.3067, 0.3099



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.



60.2920, 0.2904, 0.2624



53.5164, 0.2845, 0.2467



65.5849, 0.3132, 0.2668



17.7876, 0.3051, 0.3049



5.8516, 0.1947, 0.0846



0.6338, 0.2071, 0.0915

Inverse Universe

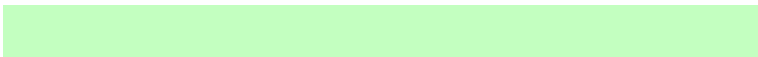
The Inverse Universe completely reimagines the original color for something new.



64.4475, 0.3374, 0.2946



58.4550, 0.3443, 0.2869



86.9472, 0.3113, 0.3991



18.1510, 0.3209, 0.3162



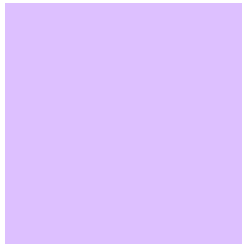
12.0914, 0.4797, 0.2416



1.1994, 0.4566, 0.2289

Previews

White Background



This preview shows how the Yxy color 60.2914, 0.2904, 0.2624 looks on a white background.

Color Contrast Check

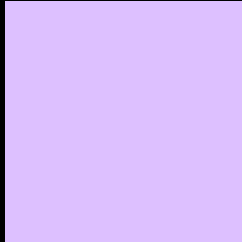
Large Text (above 18pt) WCAG AA × Fail

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 60.2914, 0.2904, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

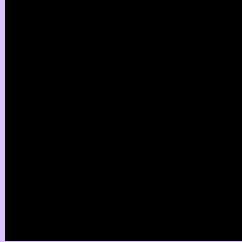
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2914, 0.2904, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 60.2914, 0.2904, 0.2624.

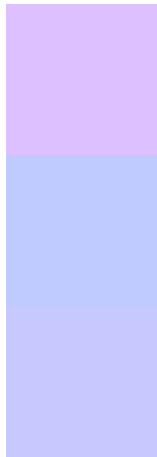


This preview shows how white text looks on a background with the Yxy color 60.2914, 0.2904, 0.2624.

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

60.2914, 0.2904, 0.2624

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.5425, 0.2767, 0.2705



Tritanopia

60.0493, 0.3128, 0.3109

Trichromacy



Original Color

60.2914, 0.2904, 0.2624

Protanomaly

60.1647, 0.2774, 0.2666

Deuteranomaly

60.3537, 0.2814, 0.2670

Tritanomaly

59.9447, 0.3045, 0.2914

Monochromacy



Original Color

60.2914, 0.2904, 0.2624

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8234, 0.3049, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2914, 0.2904, 0.2624 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(221, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 192, 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(221, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.2914, 0.2904, 0.2624 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(221, 192, 255) }
```

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

```
.border{ border-color:rgb(221, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2914, 0.2904, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 192, 255) }
```

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

```
.background{ background-color: rgb(221,  
192, 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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