

Converting Colors

Yxy(50.4842, 0.3046, 0.2714)

Have a look what the booklet for
Yxy(50.4842, 0.3046, 0.2714)
contains.

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Color

Yxy(50.2971, 0.3046, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	D5AFE2
RGB	213, 175, 226
RGB Percent	84%, 69%, 89%
CMY	0.1648, 0.3137, 0.1138
CMYK	0.06, 0.23, 0.00, 0.11
HSL	285°, 47%, 79%
HSV	285°, 23%, 89%
XYZ	56.4915, 50.2971, 78.6727
YIQ	192.1760, 6.2770, 23.9170

Conversions

Conversions Part 2

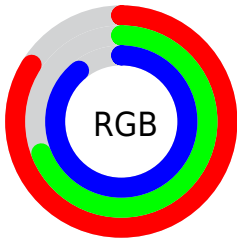
Format	Color
R _Y B	213, 175, 226
Decimal	14004194
CIE Lab	76.25, 22.75, -20.41
CIE LCh	76, 30.569, 318.105
Yxy	50.2971, 0.3046, 0.2712
Android (android.graphics.Color)	4292194274 (0xFFD5AFE2)
YUV	192.1760, 16.6752, 18.2626
Hunter-Lab	70.9204, 18.0729, -16.1266

Details

The Yxy color $50.2971, 0.3046, 0.2712$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68.1762, 0.3188, 0.3904$, and the grayscale version is $52.7185, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $24.1284, 0.3015, 0.2561$ is the 20% darker color. If you saturate the color by 10%, you get $41.3781, 0.2999, 0.2442$, and if you desaturate by 10%, it is $60.7231, 0.3086, 0.2976$.

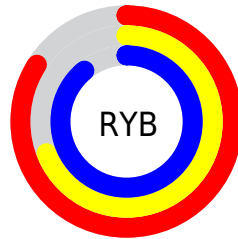
Distribution



Red (84%)

Green (69%)

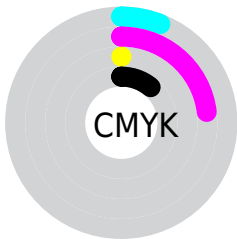
Blue (89%)



Red (84%)

Yellow (69%)

Blue (89%)

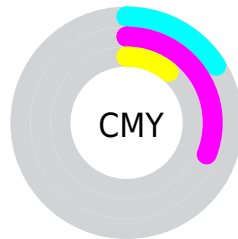


Cyan (6%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (16%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2971, 0.3046, 0.2712 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 50.2971, 0.3046, 0.2712 by changing the saturation by 10% instead.


 50.2971, 0.3046,
0.2712

 50.2971, 0.3046,
0.2712


387.8266, 0.3090,
0.2985

 35.6495, 0.3034,
0.2649


 90.6149, 0.3063,
0.2807

 24.1636, 0.3018,
0.2570


117.0539, 0.3069,
0.2844

 15.4551, 0.2997,
0.2470


148.1922, 0.3074,
0.2876

 9.1394, 0.2965,
0.2338

184.4142, 0.3078,
0.2903

 4.8322, 0.2918,
0.2156

226.1042, 0.3082,
0.2927

 2.1491, 0.2837,
0.1894

273.6467, 0.3085,

 0.6921, 0.2688,

0.2949

0.1464

327.4261, 0.3088,
0.2968

0.0000, 0.1417,
0.0000

0.0000, 0.0000,
0.0000

50.2971, 0.3046,
0.2712

50.2971, 0.3046,
0.2712

41.3781, 0.2999,
0.2442

60.7231, 0.3086,
0.2976

33.8862, 0.2945,
0.2174

72.7182, 0.3120,
0.3228

27.7437, 0.2884,
0.1920

86.3486, 0.3147,
0.3464

22.8630, 0.2819,
0.1689

94.8516, 0.3176,
0.3582

19.1455, 0.2750,
0.1494

95.8552, 0.3213,
0.3579

16.4783, 0.2681,
0.1342

96.8909, 0.3250,
0.3576

14.7249, 0.2612,
0.1238

97.9592, 0.3287,
0.3573

13.8492, 0.2563,
0.1185

98.2703, 0.3298,
0.3572

Harmonies

Analogous

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



50.2971, 0.2670, 0.2617



50.2971, 0.3046, 0.2712



50.2971, 0.3470, 0.2937

Triad

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



50.2971, 0.3046, 0.2712



50.2971, 0.3863, 0.3877



50.2971, 0.2480, 0.3276

Complementary

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



50.2971, 0.3046, 0.2712



68.1762, 0.3188, 0.3904

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.



50.2971, 0.2767, 0.3682



50.2971, 0.3046, 0.2712



50.2971, 0.3567, 0.4035

Square

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



50.2971, 0.3046, 0.2712



50.2971, 0.3959, 0.3585



50.2971, 0.3164, 0.3972



50.2971, 0.2361, 0.2909

Rectangle

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



50.2971, 0.3046, 0.2712



50.2971, 0.3716, 0.3138



50.2971, 0.3164, 0.3972



50.2971, 0.2559, 0.3414

Sweetspot

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



50.2993, 0.3046, 0.2712



88.2814, 0.3105, 0.3117



50.8329, 0.2759, 0.2832



18.6902, 0.3103, 0.3101



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.



50.2993, 0.3046, 0.2712



60.4793, 0.3025, 0.2587



51.6926, 0.3249, 0.2854



13.7504, 0.3097, 0.3056



7.9614, 0.2573, 0.1191



0.5937, 0.2675, 0.1247

Inverse Universe

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



50.4647, 0.3472, 0.3142



60.7874, 0.3565, 0.3109



67.0857, 0.3025, 0.3769



13.7577, 0.3252, 0.3230



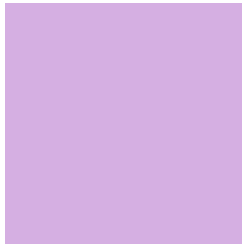
9.4130, 0.5905, 0.3027



0.6668, 0.5465, 0.2784

Previews

White Background



This preview shows how the Yxy color 50.2971, 0.3046, 0.2712 looks on a white background.

Color Contrast Check

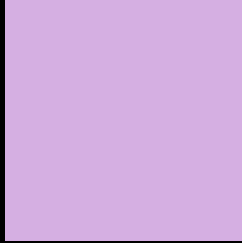
Large Text (above 18pt) WCAG AA × Fail

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 50.2971, 0.3046, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

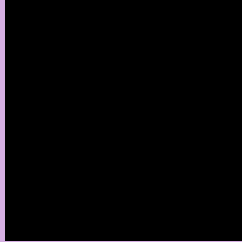
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2971, 0.3046, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 50.2971, 0.3046, 0.2712.



This preview shows how white text looks on a background with the Yxy color 50.2971, 0.3046, 0.2712.

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

50.2971, 0.3046, 0.2712

Protanopia

50.4054, 0.2719, 0.2712

Deuteranopia

50.4816, 0.2872, 0.2811



Tritanopia

50.3978, 0.3246, 0.3123

Trichromacy



Original Color

50.2971, 0.3046, 0.2712

Protanomaly

50.1726, 0.2830, 0.2711

Deuteranomaly

50.4898, 0.2933, 0.2773

Tritanomaly

50.3981, 0.3176, 0.2973

Monochromacy



Original Color

50.2971, 0.3046, 0.2712

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.7568, 0.3104, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2971, 0.3046, 0.2712 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(213, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 226)  
}
```

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(213, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 226) }
```

Border

The CSS property to change the border of an element to Yxy 50.2971, 0.3046, 0.2712 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(213, 175, 226) }
```

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

```
.border{ border-color:rgb(213, 175, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 226);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2971, 0.3046, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 226) }
```

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

```
.background{ background-color: rgb(213,  
175, 226) }
```

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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