

Converting Colors

Yxy(54.6880, 0.3062, 0.2799)

Have a look what the booklet for
Yxy(54.6880, 0.3062, 0.2799)
contains.

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Color

Yxy(54.6341, 0.3062, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	D9B8E4
RGB	217, 184, 228
RGB Percent	85%, 72%, 89%
CMY	0.1489, 0.2785, 0.1059
CMYK	0.05, 0.19, 0.00, 0.11
HSL	285°, 45%, 81%
HSV	285°, 19%, 89%
XYZ	59.7676, 54.6341, 80.7898
YIQ	198.8830, 5.5440, 20.6800

Conversions

Conversions Part 2

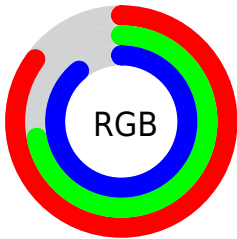
Format	Color
R _Y B	217, 184, 228
Decimal	14268644
CIE Lab	78.83, 19.61, -17.56
CIE LCh	79, 26.327, 318.158
Yxy	54.6341, 0.3062, 0.2799
Android (android.graphics.Color)	4292458724 (0xFFD9B8E4)
YUV	198.8830, 14.3547, 15.8886
Hunter-Lab	73.9149, 14.9842, -13.0642

Details

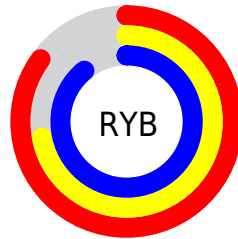
The Yxy color **54.6341, 0.3062, 0.2799** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5390, 0.3178, 0.3807**, and the grayscale version is **56.9496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **26.9311, 0.3037, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **45.0610, 0.3018, 0.2530**, and if you desaturate by 10%, it is **65.7683, 0.3099, 0.3060**.

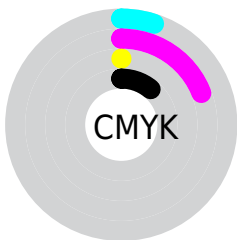
Distribution



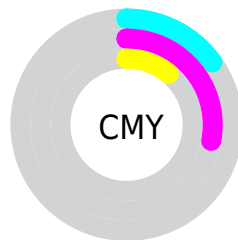
- Red (85%)
- Green (72%)
- Blue (89%)



- Red (85%)
- Yellow (72%)
- Blue (89%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)





- Cyan (15%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6341, 0.3062, 0.2799 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 54.6341, 0.3062, 0.2799 by changing the saturation by 10% instead.


 54.6341, 0.3062,
0.2799

 54.6341, 0.3062,
0.2799


404.5234, 0.3097,
0.3029

 39.1088, 0.3053,
0.2746


 97.0046, 0.3075,
0.2879

 26.8444, 0.3041,
0.2680


124.6187, 0.3080,
0.2910

 17.4564, 0.3024,
0.2596


157.0312, 0.3084,
0.2937

 10.5604, 0.3001,
0.2486

194.6265, 0.3087,
0.2960

 5.7721, 0.2966,
0.2335

237.7890, 0.3090,
0.2981

 2.7070, 0.2908,
0.2117

286.9030, 0.3093,

 0.9807, 0.2798,

0.2999

0.1777

342.3530, 0.3095,
0.3015

0.0000, 0.2457,
0.0000

0.0000, 0.0000,
0.0000

54.6341, 0.3062,
0.2799

54.6341, 0.3062,
0.2799

45.0610, 0.3018,
0.2530

65.7683, 0.3099,
0.3060

36.9686, 0.2968,
0.2262

78.5248, 0.3129,
0.3307

30.2799, 0.2911,
0.2002

92.9704, 0.3154,
0.3537

24.9083, 0.2849,
0.1764

95.6013, 0.3188,
0.3560

■ 20.7570, 0.2783,
0.1557

■ 96.6086, 0.3224,
0.3557

■ 17.7162, 0.2715,
0.1392

■ 97.6474, 0.3260,
0.3554

■ 15.6553, 0.2648,
0.1274

■ 98.3812, 0.3286,
0.3552

■ 14.3662, 0.2583,
0.1199

■ 14.2868, 0.2578,
0.1194

Harmonies

Analogous

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



54.6341, 0.2743, 0.2719



54.6341, 0.3062, 0.2799



54.6341, 0.3416, 0.2992

Triad

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



54.6341, 0.3062, 0.2799



54.6341, 0.3746, 0.3788



54.6341, 0.2581, 0.3281

Complementary

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



54.6341, 0.3062, 0.2799



70.5390, 0.3178, 0.3807

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.



54.6341, 0.2826, 0.3615



54.6341, 0.3062, 0.2799



54.6341, 0.3499, 0.3912

Square

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



54.6341, 0.3062, 0.2799



54.6341, 0.3823, 0.3546



54.6341, 0.3161, 0.3854



54.6341, 0.2478, 0.2974

Rectangle

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



54.6341, 0.3062, 0.2799



54.6341, 0.3621, 0.3165



54.6341, 0.3161, 0.3854



54.6341, 0.2648, 0.3395

Sweetspot

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



54.6364, 0.3062, 0.2799



89.9086, 0.3109, 0.3142



54.8169, 0.2815, 0.2896



19.0191, 0.3107, 0.3125



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.



54.6364, 0.3062, 0.2799



65.4536, 0.3046, 0.2696



55.7797, 0.3235, 0.2927



14.4251, 0.3098, 0.3056



8.3086, 0.2588, 0.1199



0.6569, 0.2682, 0.1251

Inverse Universe

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



54.7078, 0.3414, 0.3167



65.5985, 0.3487, 0.3141



69.6131, 0.3035, 0.3683



14.4265, 0.3253, 0.3232



9.7093, 0.5928, 0.3039



0.7321, 0.5514, 0.2811

Previews

White Background



This preview shows how the Yxy color 54.6341, 0.3062, 0.2799 looks on a white background.

Color Contrast Check

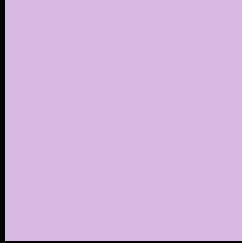
Large Text (above 18pt) WCAG AA × Fail

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 54.6341, 0.3062, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

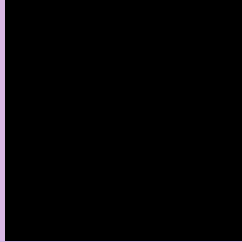
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6341, 0.3062, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 54.6341, 0.3062, 0.2799.



This preview shows how white text looks on a background with the Yxy color 54.6341, 0.3062, 0.2799.

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

54.6341, 0.3062, 0.2799

Protanopia

55.0889, 0.2797, 0.2820

Deuteranopia

54.9498, 0.2930, 0.2872



Tritanopia

54.4244, 0.3218, 0.3116

Trichromacy



Original Color

54.6341, 0.3062, 0.2799

Protanomaly

54.6589, 0.2888, 0.2805

Deuteranomaly

54.6343, 0.2982, 0.2844

Tritanomaly

54.5903, 0.3157, 0.3003

Monochromacy



Original Color

54.6341, 0.3062, 0.2799

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3585, 0.3104, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6341, 0.3062, 0.2799 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(217, 184, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 184, 228)  
}
```

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(217, 184, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 184, 228) }
```

Border

The CSS property to change the border of an element to Yxy 54.6341, 0.3062, 0.2799 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(217, 184, 228) }
```

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

```
.border{ border-color:rgb(217, 184, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 184, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 184, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 184, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 184,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6341, 0.3062, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 184, 228) }
```

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

```
.background{ background-color: rgb(217,  
184, 228) }
```

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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