

Converting Colors

$Y_{xy}(50.5980, 0.3053, 0.2518)$

Have a look what the booklet for
Yxy(50.5980, 0.3053, 0.2518)
contains.

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Color

Yxy(50.6274, 0.3055, 0.2519)

Conversions

Conversions Part 1

Format	Color
Hex	E3A8F0
RGB	227, 168, 240
RGB Percent	89%, 66%, 94%
CMY	0.1099, 0.3411, 0.0589
CMYK	0.05, 0.30, 0.00, 0.06
HSL	289°, 71%, 80%
HSV	289°, 30%, 94%
XYZ	61.4000, 50.6274, 88.9547
YIQ	193.8490, 12.0520, 34.9000

Conversions

Conversions Part 2

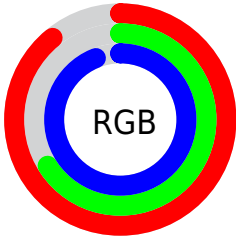
Format	Color
R _Y B	227, 168, 240
Decimal	14919920
CIE Lab	76.45, 33.73, -27.57
CIE LCh	76, 43.558, 320.738
Yxy	50.6274, 0.3055, 0.2519
Android (android.graphics.Color)	4293110000 (0xFFE3A8F0)
YUV	193.8490, 22.7524, 29.0734
Hunter-Lab	71.1529, 29.5155, -24.3167

Details

The Yxy color $50.6274, 0.3055, 0.2519$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74.9605, 0.3169, 0.4147$, and the grayscale version is $53.7130, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $24.3801, 0.3026, 0.2336$ is the 20% darker color. If you saturate the color by 10%, you get $41.8740, 0.3021, 0.2258$, and if you desaturate by 10%, it is $61.0379, 0.3084, 0.2783$.

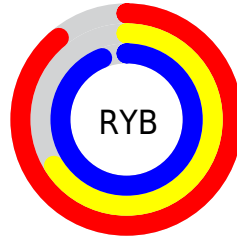
Distribution



Red (89%)

Green (66%)

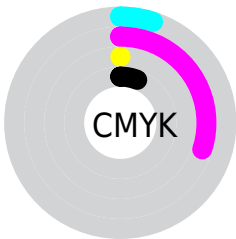
Blue (94%)



Red (89%)

Yellow (66%)

Blue (94%)

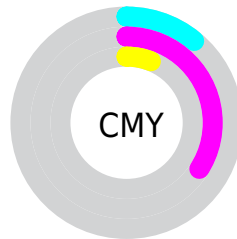


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (34%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6274, 0.3055, 0.2519 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 50.6274, 0.3055, 0.2519 by changing the saturation by 10% instead.

 50.6274, 0.3055,
0.2519

 50.6274, 0.3055,
0.2519


389.1144, 0.3099,
0.2874

 35.9122, 0.3042,
0.2439


 91.1038, 0.3072,
0.2642

 24.3664, 0.3025,
0.2340


 117.6337, 0.3078,
0.2690

 15.6056, 0.3002,
0.2216


148.8706, 0.3083,
0.2731

 9.2455, 0.2967,
0.2057

185.1990, 0.3088,
0.2767

 4.9017, 0.2913,
0.1845

227.0031, 0.3091,
0.2799

 2.1897, 0.2822,
0.1553

274.6675, 0.3094,

 0.7144, 0.2654,

0.2827

0.1122

328.5765, 0.3097,
0.2852

0.0000, 0.2190,
0.0000

0.0000, 0.0000,
0.0000

50.6274, 0.3055,
0.2519

50.6274, 0.3055,
0.2519

41.8740, 0.3021,
0.2258

61.0379, 0.3084,
0.2783

34.6811, 0.2982,
0.2010

73.1823, 0.3108,
0.3042

28.9518, 0.2939,
0.1786

87.1404, 0.3127,
0.3290

24.5759, 0.2892,
0.1597

97.1001, 0.3147,
0.3437

■ 21.4274, 0.2844,
0.1450

■ 97.8863, 0.3174,
0.3436

■ 19.3563, 0.2796,
0.1349

■ 98.6909, 0.3202,
0.3435

■ 18.1100, 0.2748,
0.1288

■ 99.0699, 0.3215,
0.3435

■ 18.1083, 0.2748,
0.1288

Harmonies

Analogous

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



50.6274, 0.2524, 0.2370



50.6274, 0.3055, 0.2519



50.6274, 0.3660, 0.2832

Triad

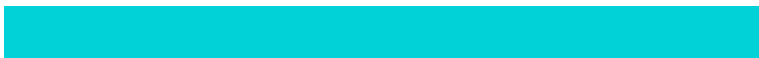
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.6274, 0.3055, 0.2519



50.6274, 0.4129, 0.4123



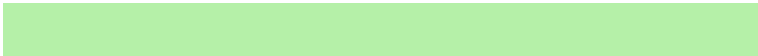
50.6274, 0.2201, 0.3201

Complementary

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



50.6274, 0.3055, 0.2519



74.9605, 0.3169, 0.4147

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.



50.6274, 0.2570, 0.3808



50.6274, 0.3055, 0.2519



50.6274, 0.3681, 0.4360

Square

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



50.6274, 0.3055, 0.2519



50.6274, 0.4310, 0.3710



50.6274, 0.3109, 0.4264



50.6274, 0.2070, 0.2700

Rectangle

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



50.6274, 0.3055, 0.2519



50.6274, 0.4007, 0.3104



50.6274, 0.3109, 0.4264



50.6274, 0.2299, 0.3402

Sweetspot

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



50.6296, 0.3055, 0.2519



85.4434, 0.3110, 0.3067



47.7513, 0.2615, 0.2577



17.8193, 0.3107, 0.3029



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.



50.6296, 0.3055, 0.2519



51.7341, 0.3035, 0.2358



51.5537, 0.3351, 0.2765



15.8786, 0.3109, 0.3055



9.9684, 0.2756, 0.1292



0.8665, 0.2819, 0.1326

Inverse Universe

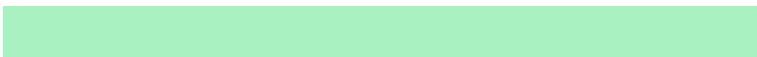
The Inverse Universe completely reimagines the original color for something new.



49.8712, 0.3678, 0.3148



50.8121, 0.3840, 0.3118



74.3863, 0.2958, 0.3882



15.8055, 0.3265, 0.3248



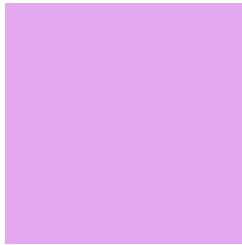
10.2518, 0.6123, 0.3147



0.8659, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 50.6274, 0.3055, 0.2519 looks on a white background.

Color Contrast Check

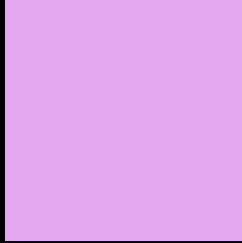
Large Text (above 18pt) WCAG AA × Fail

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 50.6274, 0.3055, 0.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

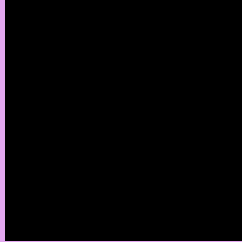
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6274, 0.3055, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 50.6274, 0.3055, 0.2519.

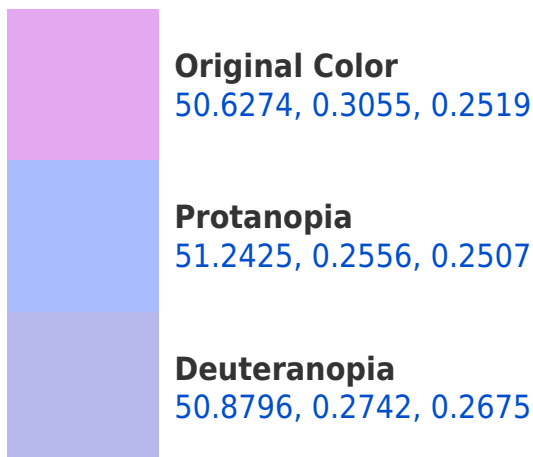


This preview shows how white text looks on a background with the Yxy color 50.6274, 0.3055, 0.2519.

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





Tritanopia

50.4215, 0.3390, 0.3128

Trichromacy



Original Color

50.6274, 0.3055, 0.2519



Protanomaly

50.5584, 0.2719, 0.2503



Deuteranomaly

50.5554, 0.2849, 0.2614



Tritanomaly

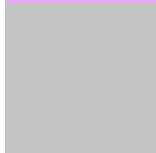
50.5635, 0.3267, 0.2894

Monochromacy



Original Color

50.6274, 0.3055, 0.2519



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.5229, 0.3100, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6274, 0.3055, 0.2519 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(227, 168, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 240)  
}
```

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(227, 168, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 240) }
```

Border

The CSS property to change the border of an element to Yxy 50.6274, 0.3055, 0.2519 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(227, 168, 240) }
```

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

```
.border{ border-color:rgb(227, 168, 240) }
```

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

Here you see how a box with a 4 pixel rgb(227, 168, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 240);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6274, 0.3055, 0.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 240) }
```

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

```
.background{ background-color: rgb(227,  
168, 240) }
```

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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