

Converting Colors

Yxy(47.1324, 0.3172, 0.2545)

Have a look what the booklet for
Yxy(47.1324, 0.3172, 0.2545)
contains.

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Color

Yxy(47.0557, 0.3171, 0.2541)

Conversions

Conversions Part 1

Format	Color
Hex	E59FE4
RGB	229, 159, 228
RGB Percent	90%, 62%, 89%
CMY	0.1019, 0.3765, 0.1058
CMYK	0.00, 0.31, 0.00, 0.10
HSL	301°, 57%, 76%
HSV	301°, 31%, 90%
XYZ	58.7224, 47.0557, 79.4077
YIQ	187.7960, 19.5710, 36.2990

Conversions

Conversions Part 2

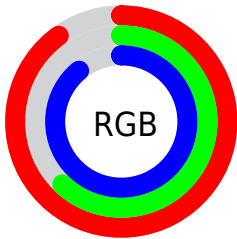
Format	Color
R _Y B	229, 159, 228
Decimal	15048676
CIE Lab	74.23, 36.95, -24.46
CIE LCh	74, 44.314, 326.493
Yxy	47.0557, 0.3171, 0.2541
Android (android.graphics.Color)	4293238756 (0xFFE59FE4)
YUV	187.7960, 19.8206, 36.1359
Hunter-Lab	68.5972, 32.7594, -20.6157

Details

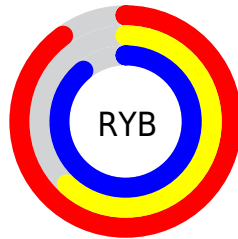
The Yxy color $47.0557, 0.3171, 0.2541$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.9571, 0.3079, 0.4174$, and the grayscale version is $50.0466, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0809, 0.3145, 0.2900$, and $22.0573, 0.3171, 0.2362$ is the 20% darker color. If you saturate the color by 10%, you get $39.8800, 0.3186, 0.2306$, and if you desaturate by 10%, it is $55.6947, 0.3156, 0.2787$.

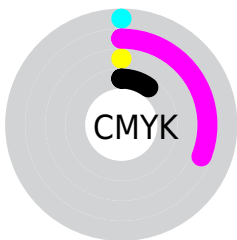
Distribution



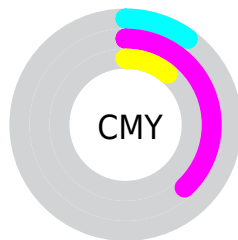
- Red (90%)
- Green (62%)
- Blue (89%)



- Red (90%)
- Yellow (62%)
- Blue (89%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0557, 0.3171, 0.2541 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 47.0557, 0.3171, 0.2541 by changing the saturation by 10% instead.


 47.0557, 0.3171,
0.2541


 47.0557, 0.3171,
0.2541

375.0368, 0.3158,
0.2891

 33.0797, 0.3172,
0.2461


 85.7968, 0.3168,
0.2663

 22.1875, 0.3171,
0.2362


 111.3306, 0.3167,
0.2710

 13.9947, 0.3169,
0.2237


141.4858, 0.3165,
0.2750

 8.1170, 0.3163,
0.2074

176.6469, 0.3164,
0.2786

 4.1699, 0.3147,
0.1855

217.1981, 0.3162,
0.2817

 1.7691, 0.3109,
0.1547

263.5239, 0.3161,

 0.4678, 0.3052,

0.2844

0.0982

316.0087, 0.3160,
0.2869

0.0000, 0.2248,
0.0000

0.0000, 0.0000,
0.0000

47.0557, 0.3171,
0.2541

47.0557, 0.3171,
0.2541

39.8800, 0.3186,
0.2306

55.6947, 0.3156,
0.2787

34.0807, 0.3200,
0.2091

65.8653, 0.3142,
0.3034

29.5712, 0.3213,
0.1905

77.6390, 0.3128,
0.3276

26.2528, 0.3224,
0.1757

91.0810, 0.3115,
0.3508

■ 24.0124, 0.3233,
0.1651

■ 93.8747, 0.3111,
0.3548

■ 22.7150, 0.3240,
0.1588

■ 93.8929, 0.3109,
0.3545

■ 22.1404, 0.3245,
0.1561

■ 93.9111, 0.3107,
0.3541

■ 93.9293, 0.3106,
0.3538

■ 93.9476, 0.3104,
0.3535

Harmonies

Analogous

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



47.0557, 0.2592, 0.2350



47.0557, 0.3171, 0.2541



47.0557, 0.3795, 0.2890

Triad

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



47.0557, 0.3171, 0.2541



47.0557, 0.4096, 0.4220



47.0557, 0.2120, 0.3080

Complementary

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



47.0557, 0.3171, 0.2541



65.9571, 0.3079, 0.4174

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.



47.0557, 0.2456, 0.3711



47.0557, 0.3171, 0.2541



47.0557, 0.3591, 0.4419

Square

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



47.0557, 0.3171, 0.2541



47.0557, 0.4350, 0.3811



47.0557, 0.2990, 0.4244



47.0557, 0.2034, 0.2600

Rectangle

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



47.0557, 0.3171, 0.2541



47.0557, 0.4128, 0.3182



47.0557, 0.2990, 0.4244



47.0557, 0.2205, 0.3282

Sweetspot

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



47.0578, 0.3171, 0.2541



86.2005, 0.3140, 0.3072



37.8217, 0.2586, 0.2395



18.0072, 0.3142, 0.3036



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.



47.0578, 0.3171, 0.2541



53.7620, 0.3181, 0.2383



45.3500, 0.3474, 0.2894



14.6115, 0.3140, 0.3062



12.6579, 0.3245, 0.1561



0.9365, 0.3239, 0.1558

Inverse Universe

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



47.0578, 0.3171, 0.2541



53.7620, 0.3181, 0.2383



67.3150, 0.2882, 0.3726



14.6115, 0.3140, 0.3062



12.6579, 0.3245, 0.1561



0.9365, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 47.0557, 0.3171, 0.2541 looks on a white background.

Color Contrast Check

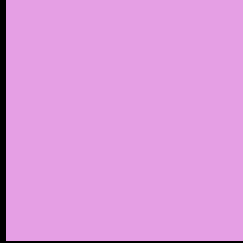
Large Text (above 18pt) WCAG AA × Fail

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 47.0557, 0.3171, 0.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

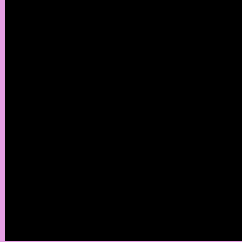
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0557, 0.3171, 0.2541

Background



This preview shows how black text looks on a background with the Yxy color 47.0557, 0.3171, 0.2541.



This preview shows how white text looks on a background with the Yxy color 47.0557, 0.3171, 0.2541.

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

47.0557, 0.3171, 0.2541

Protanopia

47.5787, 0.2571, 0.2528

Deuteranopia

47.3253, 0.2800, 0.2738



Tritanopia

47.0294, 0.3523, 0.3139

Trichromacy



Original Color

47.0557, 0.3171, 0.2541



Protanomaly

46.7516, 0.2762, 0.2526



Deuteranomaly

46.9471, 0.2931, 0.2665



Tritanomaly

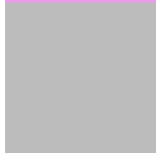
46.9950, 0.3391, 0.2913

Monochromacy



Original Color

47.0557, 0.3171, 0.2541



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.4526, 0.3142, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0557, 0.3171, 0.2541 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(229, 159, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 159, 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(229, 159, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 159, 228) }
```

Border

The CSS property to change the border of an element to Yxy 47.0557, 0.3171, 0.2541 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(229, 159, 228) }
```

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

```
.border{ border-color:rgb(229, 159, 228) }
```

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

Here you see how a box with a 4 pixel rgb(229, 159, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 159, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 159, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 159,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0557, 0.3171, 0.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 159, 228) }
```

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

```
.background{ background-color: rgb(229,  
159, 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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