

Converting Colors

$Y_{xy}(49.5503, 0.3258, 0.2788)$

Have a look what the booklet for
Yxy(49.5503, 0.3258, 0.2788)
contains.

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Color

Yxy(49.5619, 0.3264, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	E3A9D6
RGB	227, 169, 214
RGB Percent	89%, 66%, 84%
CMY	0.1099, 0.3372, 0.1607
CMYK	0.00, 0.26, 0.06, 0.11
HSL	313°, 51%, 78%
HSV	313°, 26%, 89%
XYZ	58.0029, 49.5619, 70.1401
YIQ	191.4720, 20.1230, 26.2910

Conversions

Conversions Part 2

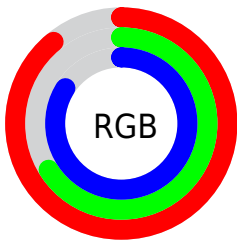
Format	Color
R_{YB}	227, 169, 214
Decimal	14920150
CIE _{Lab}	75.80, 28.42, -14.45
CIE _{LCh}	76, 31.882, 333.041
Yxy	49.5619, 0.3264, 0.2789
Android (android.graphics.Color)	4293110230 (0xFFE3A9D6)
YUV	191.4720, 11.1063, 31.1581
Hunter-Lab	70.4002, 23.8662, -9.7908

Details

The Yxy color $49.5619, 0.3264, 0.2789$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $66.7439, 0.3015, 0.3849$, and the grayscale version is $52.3155, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3304, 0.3141, 0.2999$, and $23.6519, 0.3300, 0.2664$ is the 20% darker color. If you saturate the color by 10%, you get $41.5830, 0.3332, 0.2590$, and if you desaturate by 10%, it is $59.0194, 0.3204, 0.2990$.

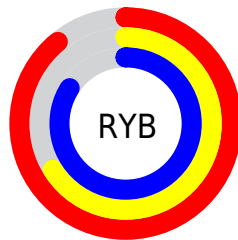
Distribution



Red (89%)

Green (66%)

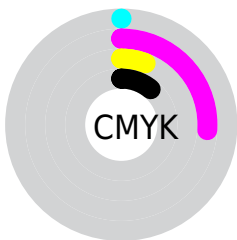
Blue (84%)



Red (89%)

Yellow (66%)

Blue (84%)

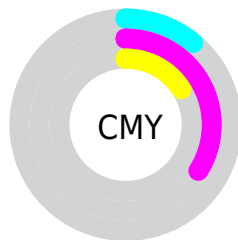


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5619, 0.3264, 0.2789 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 49.5619, 0.3264, 0.2789 by changing the saturation by 10% instead.


 49.5619, 0.3264,
0.2789


 49.5619, 0.3264,
0.2789


384.9502, 0.3201,
0.3026

 35.0654, 0.3278,
0.2733


 89.5254, 0.3242,
0.2872

 23.7133, 0.3296,
0.2664


 115.7613, 0.3234,
0.2905

 15.1211, 0.3318,
0.2575


146.6790, 0.3226,
0.2932

 8.9044, 0.3346,
0.2457

182.6631, 0.3220,
0.2956

 4.6789, 0.3384,
0.2294

224.0978, 0.3214,
0.2977

 2.0601, 0.3435,
0.2054

271.3677, 0.3209,

 0.6420, 0.3525,

0.2995

0.1624

324.8570, 0.3205,
0.3012

0.0000, 0.3330,
0.0000

0.0000, 0.0000,
0.0000

49.5619, 0.3264,
0.2789

49.5619, 0.3264,
0.2789

41.5830, 0.3332,
0.2590

59.0194, 0.3204,
0.2990

35.0001, 0.3408,
0.2399

70.0192, 0.3153,
0.3185

29.7330, 0.3490,
0.2227

82.6292, 0.3108,
0.3372

25.6902, 0.3578,
0.2083

93.8083, 0.3072,
0.3500

■ 22.7687, 0.3668,
0.1978

■ 94.1048, 0.3044,
0.3448

■ 20.8486, 0.3757,
0.1919

■ 94.4098, 0.3015,
0.3396

■ 19.7822, 0.3843,
0.1907

■ 94.7234, 0.2988,
0.3344

■ 19.4721, 0.3881,
0.1912

■ 95.0454, 0.2960,
0.3293

■ 95.0689, 0.2958,
0.3290

Harmonies

Analogous

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



49.5619, 0.2831, 0.2618



49.5619, 0.3264, 0.2789



49.5619, 0.3685, 0.3074

Triad

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



49.5619, 0.3264, 0.2789



49.5619, 0.3763, 0.4011



49.5619, 0.2364, 0.3068

Complementary

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



49.5619, 0.3264, 0.2789



66.7439, 0.3015, 0.3849

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.



49.5619, 0.2581, 0.3493



49.5619, 0.3264, 0.2789



49.5619, 0.3382, 0.4072

Square

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



49.5619, 0.3264, 0.2789



49.5619, 0.3980, 0.3760



49.5619, 0.2949, 0.3881



49.5619, 0.2337, 0.2750

Rectangle

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



49.5619, 0.3264, 0.2789



49.5619, 0.3889, 0.3301



49.5619, 0.2949, 0.3881



49.5619, 0.2417, 0.3204

Sweetspot

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



49.5641, 0.3264, 0.2789



87.3775, 0.3165, 0.3137



43.8174, 0.2784, 0.2582



18.2267, 0.3172, 0.3107



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.



49.5641, 0.3264, 0.2789



58.4242, 0.3301, 0.2676



48.2293, 0.3516, 0.3102



14.5571, 0.3172, 0.3109



11.3759, 0.3869, 0.1905



0.8543, 0.3753, 0.1841

Inverse Universe

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



49.5641, 0.3264, 0.2789



58.4242, 0.3301, 0.2676



68.0486, 0.2846, 0.3487



14.5571, 0.3172, 0.3109



11.3759, 0.3869, 0.1905



0.8543, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 49.5619, 0.3264, 0.2789 looks on a white background.

Color Contrast Check

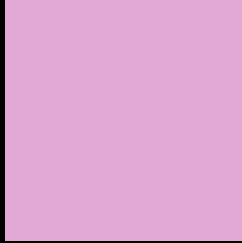
Large Text (above 18pt) WCAG AA × Fail

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 49.5619, 0.3264, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

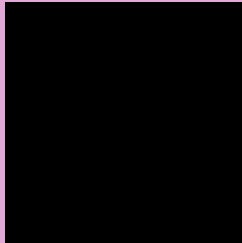
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5619, 0.3264, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 49.5619, 0.3264, 0.2789.



This preview shows how white text looks on a background with the Yxy color 49.5619, 0.3264, 0.2789.

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

49.5619, 0.3264, 0.2789

Protanopia

49.7179, 0.2791, 0.2802

Deuteranopia

49.6787, 0.2996, 0.2927



Tritanopia

49.5479, 0.3456, 0.3140

Trichromacy



Original Color

49.5619, 0.3264, 0.2789

Protanomaly

49.1964, 0.2946, 0.2791

Deuteranomaly

49.3702, 0.3088, 0.2866

Tritanomaly

49.3836, 0.3381, 0.3004

Monochromacy



Original Color

49.5619, 0.3264, 0.2789

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.8279, 0.3178, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5619, 0.3264, 0.2789 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, 169, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 169, 214)  
}
```

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, 169, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 214) }
```

Border

The CSS property to change the border of an element to Yxy 49.5619, 0.3264, 0.2789 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, 169, 214) }
```

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

```
.border{ border-color:rgb(227, 169, 214) }
```

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

Here you see how a box with a 4 pixel rgb(227, 169, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 169, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 169, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 169,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5619, 0.3264, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 214) }
```

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

```
.background{ background-color: rgb(227,  
169, 214) }
```

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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