

Converting Colors

$Y_{xy}(47.2516, 0.3249, 0.2719)$

Have a look what the booklet for
Yxy(47.2516, 0.3249, 0.2719)
contains.

Yxy(47.0570, 0.3252, 0.2719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.0570, 0.3252, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	E1A3D6
RGB	225, 163, 214
RGB Percent	88%, 64%, 84%
CMY	0.1177, 0.3607, 0.1608
CMYK	0.00, 0.28, 0.05, 0.12
HSL	311°, 51%, 76%
HSV	311°, 28%, 88%
XYZ	56.2815, 47.0570, 69.7288
YIQ	187.3520, 20.5810, 29.0050

Conversions

Conversions Part 2

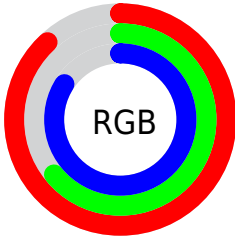
Format	Color
R _Y B	225, 163, 214
Decimal	14787542
CIE Lab	74.23, 30.96, -16.83
CIE LCh	74, 35.239, 331.475
Yxy	47.0570, 0.3252, 0.2719
Android (android.graphics.Color)	4292977622 (0xFFE1A3D6)
YUV	187.3520, 13.1375, 33.0173
Hunter-Lab	68.5981, 26.4041, -12.2486

Details

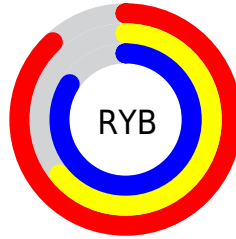
The Yxy color **47.0570, 0.3252, 0.2719** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.6866, 0.3024, 0.3938**, and the grayscale version is **49.8197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **22.0901, 0.3284, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **39.5655, 0.3309, 0.2511**, and if you desaturate by 10%, it is **55.9789, 0.3201, 0.2930**.

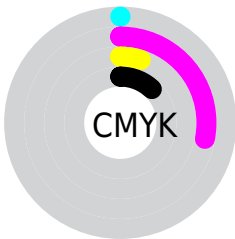
Distribution



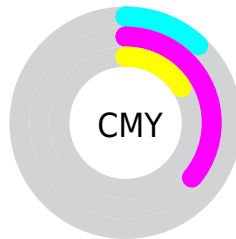
- Red (88%)
- Green (64%)
- Blue (84%)



- Red (88%)
- Yellow (64%)
- Blue (84%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0570, 0.3252, 0.2719 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 47.0570, 0.3252, 0.2719 by changing the saturation by 10% instead.


 47.0570, 0.3252,
0.2719

 47.0570, 0.3252,
0.2719


375.0420, 0.3196,
0.2990

 33.0807, 0.3264,
0.2655


 85.7987, 0.3233,
0.2814

 22.1883, 0.3279,
0.2576


 111.3329, 0.3225,
0.2851

 13.9953, 0.3298,
0.2474


141.4885, 0.3219,
0.2883

 8.1174, 0.3321,
0.2340

176.6500, 0.3213,
0.2910

 4.1702, 0.3350,
0.2153

217.2017, 0.3208,
0.2934

 1.7692, 0.3385,
0.1879

263.5280, 0.3203,

 0.4679, 0.3480,

0.2955

0.1299

316.0133, 0.3199,
0.2974

0.0000, 0.2358,
0.0000

0.0000, 0.0000,
0.0000

47.0570, 0.3252,
0.2719

47.0570, 0.3252,
0.2719

39.5655, 0.3309,
0.2511

55.9789, 0.3201,
0.2930

33.4227, 0.3371,
0.2315


66.3947, 0.3157,
0.3138


28.5484, 0.3437,
0.2140


78.3718, 0.3118,
0.3338

24.8513, 0.3506,
0.1997


91.9714, 0.3085,
0.3527


 22.2279, 0.3576,
0.1895


 93.4626, 0.3062,
0.3505


 20.5565, 0.3643,
0.1837


 93.6946, 0.3040,
0.3464

 19.6726, 0.3708,
0.1825

 93.9317, 0.3018,
0.3422

 19.5111, 0.3723,
0.1825

 94.1741, 0.2996,
0.3381

 94.4217, 0.2974,
0.3341

Harmonies

Analogous

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



47.0570, 0.2770, 0.2537



47.0570, 0.3252, 0.2719



47.0570, 0.3733, 0.3028

Triad

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



47.0570, 0.3252, 0.2719



47.0570, 0.3856, 0.4085



47.0570, 0.2284, 0.3059

Complementary

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



47.0570, 0.3252, 0.2719



64.6866, 0.3024, 0.3938

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.



47.0570, 0.2532, 0.3543



47.0570, 0.3252, 0.2719



47.0570, 0.3433, 0.4178

Square

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



47.0570, 0.3252, 0.2719



47.0570, 0.4090, 0.3790



47.0570, 0.2948, 0.3979



47.0570, 0.2244, 0.2696

Rectangle

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



47.0570, 0.3252, 0.2719



47.0570, 0.3971, 0.3277



47.0570, 0.2948, 0.3979



47.0570, 0.2345, 0.3213

Sweetspot

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



47.0591, 0.3252, 0.2719



87.4370, 0.3159, 0.3128



40.5581, 0.2728, 0.2515



18.2418, 0.3165, 0.3097



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.



47.0591, 0.3252, 0.2719



56.6248, 0.3284, 0.2600



45.6514, 0.3527, 0.3051



13.8917, 0.3165, 0.3099



11.2605, 0.3714, 0.1819



0.7916, 0.3622, 0.1769

Inverse Universe

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



47.0591, 0.3252, 0.2719



56.6248, 0.3284, 0.2600



66.0058, 0.2844, 0.3544



13.8917, 0.3165, 0.3099



11.2605, 0.3714, 0.1819



0.7916, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 47.0570, 0.3252, 0.2719 looks on a white background.

Color Contrast Check

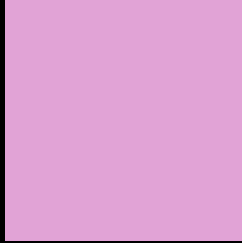
Large Text (above 18pt) WCAG AA × Fail

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 47.0570, 0.3252, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

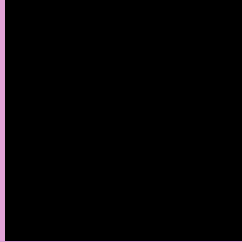
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0570, 0.3252, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 47.0570, 0.3252, 0.2719.



This preview shows how white text looks on a background with the Yxy color 47.0570, 0.3252, 0.2719.

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

47.0570, 0.3252, 0.2719

Protanopia

47.3094, 0.2729, 0.2732

Deuteranopia

47.1087, 0.2947, 0.2882



Tritanopia

47.1255, 0.3493, 0.3138

Trichromacy



Original Color

47.0570, 0.3252, 0.2719

Protanomaly

46.6224, 0.2897, 0.2712

Deuteranomaly

47.0581, 0.3055, 0.2824

Tritanomaly

47.0621, 0.3397, 0.2978

Monochromacy



Original Color

47.0570, 0.3252, 0.2719

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.2895, 0.3172, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0570, 0.3252, 0.2719 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(225, 163, 214)` looks like.

```
.text, #text, p{  
    color:rgb(225, 163, 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(225, 163, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 163, 214) }
```

Border

The CSS property to change the border of an element to Yxy 47.0570, 0.3252, 0.2719 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(225, 163, 214) }
```

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

```
.border{ border-color:rgb(225, 163, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 163, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 163, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 163, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 163,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0570, 0.3252, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 163, 214) }
```

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

```
.background{ background-color: rgb(225,  
163, 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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