

Converting Colors

$Y_{xy}(47.5687, 0.3319, 0.2635)$

Have a look what the booklet for
Yxy(47.5687, 0.3319, 0.2635)
contains.

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Color

Yxy(47.5727, 0.3320, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	ED9EDB
RGB	237, 158, 219
RGB Percent	93%, 62%, 86%
CMY	0.0705, 0.3804, 0.1412
CMYK	0.00, 0.33, 0.08, 0.07
HSL	314°, 69%, 77%
HSV	314°, 33%, 93%
XYZ	59.9398, 47.5727, 73.0291
YIQ	188.5750, 27.5030, 35.7190

Conversions

Conversions Part 2

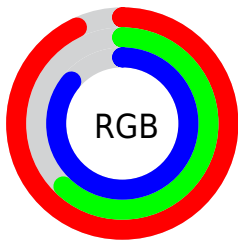
Format	Color
R_{YB}	237, 158, 219
Decimal	15572699
CIE _{Lab}	74.55, 38.45, -18.94
CIE _{LCh}	75, 42.864, 333.777
Yxy	47.5727, 0.3320, 0.2635
Android (android.graphics.Color)	4293762779 (0xFFED9EDB)
YUV	188.5750, 14.9995, 42.4687
Hunter-Lab	68.9730, 34.4197, -14.4956

Details

The Yxy color $47.5727, 0.3320, 0.2635$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $70.9824, 0.2980, 0.4050$, and the grayscale version is $50.5360, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $22.4868, 0.3363, 0.2473$ is the 20% darker color. If you saturate the color by 10%, you get $39.9736, 0.3396, 0.2442$, and if you desaturate by 10%, it is $56.7445, 0.3252, 0.2835$.

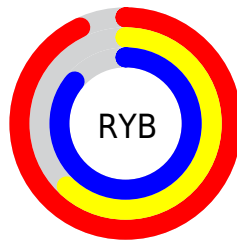
Distribution



Red (93%)

Green (62%)

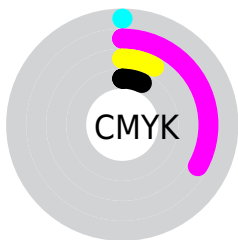
Blue (86%)



Red (93%)

Yellow (62%)

Blue (86%)

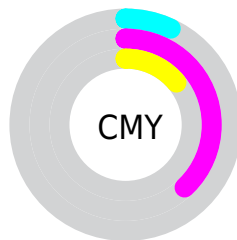


Cyan (0%)

Magenta (33%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (38%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5727, 0.3320, 0.2635 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 47.5727, 0.3320, 0.2635 by changing the saturation by 10% instead.


 47.5727, 0.3320,
0.2635

 47.5727, 0.3320,
0.2635


377.0959, 0.3232,
0.2943

 33.4886, 0.3340,
0.2564

 86.5679, 0.3290,
0.2742

 22.5010, 0.3363,
0.2476


 112.2477, 0.3278,
0.2784

 14.2255, 0.3393,
0.2364


142.5617, 0.3268,
0.2820

 8.2777, 0.3430,
0.2216

177.8940, 0.3259,
0.2851

 4.2731, 0.3479,
0.2016

218.6292, 0.3251,
0.2878

 1.8275, 0.3543,
0.1728

265.1517, 0.3244,

 0.5042, 0.3667,

0.2902

0.1186

317.8458, 0.3238,
0.2923

0.0000, 0.3539,
0.0000

0.0000, 0.0000,
0.0000

47.5727, 0.3320,
0.2635

47.5727, 0.3320,
0.2635

39.9736, 0.3396,
0.2442

56.7445, 0.3252,
0.2835

33.8507, 0.3479,
0.2266


67.5654, 0.3193,
0.3034


29.1070, 0.3568,
0.2116

80.1146, 0.3142,
0.3227


25.6310, 0.3660,
0.2003


94.4642, 0.3099,
0.3411

 23.2939, 0.3752,
0.1934

 96.1827, 0.3068,
0.3379

 21.9394, 0.3841,
0.1914

 96.5198, 0.3037,
0.3325

 21.4230, 0.3899,
0.1921

 96.7472, 0.3017,
0.3290

Harmonies

Analogous

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



47.5727, 0.2734, 0.2408



47.5727, 0.3320, 0.2635



47.5727, 0.3900, 0.3004

Triad

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



47.5727, 0.3320, 0.2635



47.5727, 0.3963, 0.4261



47.5727, 0.2110, 0.2958

Complementary

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



47.5727, 0.3320, 0.2635



70.9824, 0.2980, 0.4050

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.



47.5727, 0.2379, 0.3546



47.5727, 0.3320, 0.2635



47.5727, 0.3440, 0.4372

Square

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



47.5727, 0.3320, 0.2635



47.5727, 0.4277, 0.3903



47.5727, 0.2860, 0.4107



47.5727, 0.2085, 0.2547

Rectangle

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



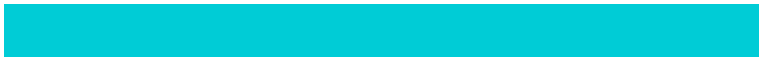
47.5727, 0.3320, 0.2635



47.5727, 0.4177, 0.3298



47.5727, 0.2860, 0.4107



47.5727, 0.2173, 0.3141

Sweetspot

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



47.5748, 0.3320, 0.2635



84.4266, 0.3176, 0.3099



39.6973, 0.2655, 0.2331



17.6385, 0.3183, 0.3071



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.



47.5748, 0.3320, 0.2635



49.8529, 0.3371, 0.2502



45.7724, 0.3683, 0.3041



15.2515, 0.3173, 0.3110



11.7154, 0.3885, 0.1914



0.9343, 0.3772, 0.1852

Inverse Universe

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



47.5748, 0.3320, 0.2635



49.8529, 0.3371, 0.2502



72.7337, 0.2769, 0.3558



15.2515, 0.3173, 0.3110



11.7154, 0.3885, 0.1914



0.9343, 0.3772, 0.1852

Previews

White Background



This preview shows how the Yxy color 47.5727, 0.3320, 0.2635 looks on a white background.

Color Contrast Check

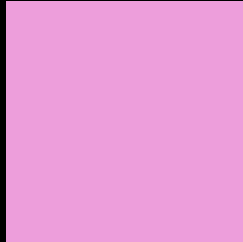
Large Text (above 18pt) WCAG AA × Fail

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 47.5727, 0.3320, 0.2635 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 47.5727, 0.3320, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 47.5727, 0.3320, 0.2635.



This preview shows how white text looks on a background with the Yxy color 47.5727, 0.3320, 0.2635.

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

47.5727, 0.3320, 0.2635

Protanopia

48.0581, 0.2653, 0.2632

Deuteranopia

47.7113, 0.2918, 0.2848



Tritanopia

47.6426, 0.3639, 0.3155

Trichromacy



Original Color

47.5727, 0.3320, 0.2635



Protanomaly

47.0696, 0.2863, 0.2618



Deuteranomaly

47.0628, 0.3058, 0.2760



Tritanomaly

47.5371, 0.3523, 0.2956

Monochromacy



Original Color

47.5727, 0.3320, 0.2635



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.1327, 0.3191, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5727, 0.3320, 0.2635 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(237, 158, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 158, 219)  
}
```

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(237, 158, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 158, 219) }
```

Border

The CSS property to change the border of an element to Yxy 47.5727, 0.3320, 0.2635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

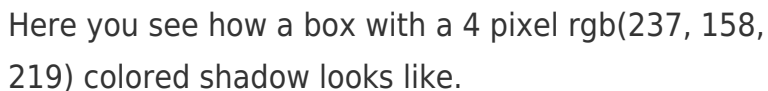
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 158, 219) }
```

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

```
.border{ border-color:rgb(237, 158, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 158, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 158, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 158, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 158,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5727, 0.3320, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 158, 219) }
```

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

```
.background{ background-color: rgb(237,  
158, 219) }
```

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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