

Converting Colors

$Y_{xy}(42.5732, 0.3141, 0.2422)$

Have a look what the booklet for
Yxy(42.5732, 0.3141, 0.2422)
contains.

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Color

Yxy(42.5732, 0.3141, 0.2422)

Conversions

Conversions Part 1

Format	Color
Hex	E094E3
RGB	224, 148, 227
RGB Percent	88%, 58%, 89%
CMY	0.1213, 0.4197, 0.1097
CMYK	0.01, 0.35, 0.00, 0.11
HSL	298°, 59%, 74%
HSV	298°, 35%, 89%
XYZ	55.2116, 42.5732, 77.9923
YIQ	179.7300, 19.9370, 40.6810

Conversions

Conversions Part 2

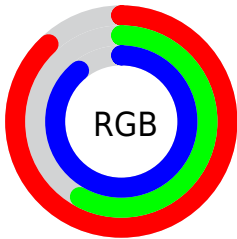
Format	Color
R_{YB}	224, 148, 227
Decimal	14718179
CIE _{Lab}	71.26, 41.05, -28.49
CIE _{LCh}	71, 49.970, 325.236
Yxy	42.5732, 0.3141, 0.2422
Android (android.graphics.Color)	4292908259 (0xFFE094E3)
YUV	179.7300, 23.3041, 38.8248
Hunter-Lab	65.2481, 36.8586, -25.1967

Details

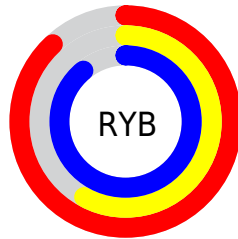
The Yxy color $42.5732, 0.3141, 0.2422$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $63.6568, 0.3097, 0.4327$, and the grayscale version is $45.3558, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.1919, 0.3151, 0.2782$, and $19.5215, 0.3127, 0.2222$ is the 20% darker color. If you saturate the color by 10%, you get $36.0046, 0.3142, 0.2187$, and if you desaturate by 10%, it is $50.5426, 0.3138, 0.2671$.

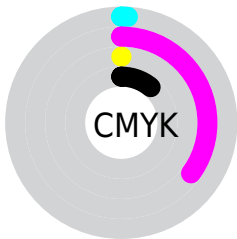
Distribution



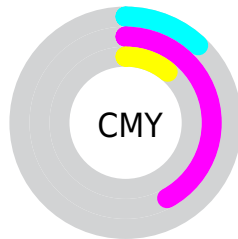
- Red (88%)
- Green (58%)
- Blue (89%)



- Red (88%)
- Yellow (58%)
- Blue (89%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5732, 0.3141, 0.2422 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 42.5732, 0.3141, 0.2422 by changing the saturation by 10% instead.


 42.5732, 0.3141,
0.2422

 42.5732, 0.3141,
0.2422


356.8536, 0.3146,
0.2829

 29.5504, 0.3137,
0.2329


 79.0664, 0.3145,
0.2564

 19.4976, 0.3129,
0.2213


 103.3056, 0.3146,
0.2619

 12.0304, 0.3117,
0.2067


132.0523, 0.3147,
0.2666

 6.7644, 0.3096,
0.1878

165.6911, 0.3147,
0.2707

 3.3152, 0.3056,
0.1624

204.6062, 0.3147,
0.2743

 1.2984, 0.2976,
0.1275

249.1820, 0.3147,

 0.1400, 0.2925,

0.2775

0.0350

299.8030, 0.3146,
0.2804

0.0000, 0.0811,
0.0000

0.0000, 0.0000,
0.0000

42.5732, 0.3141,
0.2422

42.5732, 0.3141,
0.2422

36.0046, 0.3142,
0.2187

50.5426, 0.3138,
0.2671

30.7492, 0.3141,
0.1975


59.9825, 0.3135,
0.2924


26.7184, 0.3139,
0.1796

70.9649, 0.3130,
0.3173

23.8100, 0.3134,
0.1656


83.5551, 0.3124,
0.3413

 21.9056, 0.3127,
0.1560


 93.6109, 0.3122,
0.3576


 20.8602, 0.3119,
0.1506

 93.7502, 0.3127,
0.3576

 20.5350, 0.3115,
0.1490

 93.8902, 0.3132,
0.3575

 94.0309, 0.3138,
0.3575

 94.1723, 0.3143,
0.3574

Harmonies

Analogous

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



42.5732, 0.2483, 0.2214



42.5732, 0.3141, 0.2422



42.5732, 0.3875, 0.2808

Triad

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



42.5732, 0.3141, 0.2422



42.5732, 0.4255, 0.4332



42.5732, 0.1981, 0.3061

Complementary

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



42.5732, 0.3141, 0.2422



63.6568, 0.3097, 0.4327

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.



42.5732, 0.2367, 0.3814



42.5732, 0.3141, 0.2422



42.5732, 0.3676, 0.4607

Square

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



42.5732, 0.3141, 0.2422



42.5732, 0.4548, 0.3843



42.5732, 0.2984, 0.4441



42.5732, 0.1878, 0.2503

Rectangle

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



42.5732, 0.3141, 0.2422



42.5732, 0.4275, 0.3132



42.5732, 0.2984, 0.4441



42.5732, 0.2079, 0.3301

Sweetspot

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



42.5751, 0.3141, 0.2422



84.6155, 0.3132, 0.3043



34.2717, 0.2504, 0.2302



17.6844, 0.3133, 0.3008



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.



42.5751, 0.3141, 0.2422



48.8773, 0.3142, 0.2245



41.2856, 0.3500, 0.2793



14.5863, 0.3132, 0.3058



11.9859, 0.3116, 0.1490



0.8943, 0.3131, 0.1498

Inverse Universe

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



39.7362, 0.3923, 0.3258



44.6722, 0.4183, 0.3251



64.6822, 0.2874, 0.3850



14.3767, 0.3287, 0.3282



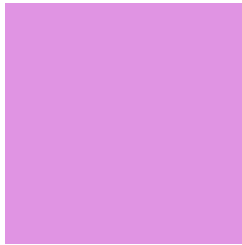
9.5389, 0.6360, 0.3277



0.7080, 0.6246, 0.3214

Previews

White Background



This preview shows how the Yxy color 42.5732, 0.3141, 0.2422 looks on a white background.

Color Contrast Check

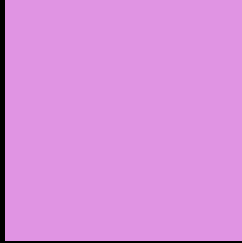
Large Text (above 18pt) WCAG AA × Fail

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 42.5732, 0.3141, 0.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

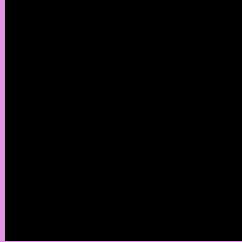
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5732, 0.3141, 0.2422

Background



This preview shows how black text looks on a background with the Yxy color 42.5732, 0.3141, 0.2422.



This preview shows how white text looks on a background with the Yxy color 42.5732, 0.3141, 0.2422.

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

42.5732, 0.3141, 0.2422

Protanopia

42.7730, 0.2465, 0.2386

Deuteranopia

43.0483, 0.2702, 0.2643



Tritanopia

42.4883, 0.3582, 0.3147

Trichromacy



Original Color

42.5732, 0.3141, 0.2422



Protanomaly

41.8324, 0.2676, 0.2387



Deuteranomaly

42.2676, 0.2853, 0.2550



Tritanomaly

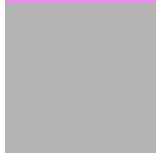
42.4199, 0.3425, 0.2869

Monochromacy



Original Color

42.5732, 0.3141, 0.2422



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.7722, 0.3135, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5732, 0.3141, 0.2422 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(224, 148, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 148, 227)  
}
```

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(224, 148, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 148, 227) }
```

Border

The CSS property to change the border of an element to Yxy 42.5732, 0.3141, 0.2422 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(224, 148, 227) }
```

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

```
.border{ border-color:rgb(224, 148, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 148, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 148, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 148, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 148,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5732, 0.3141, 0.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 148, 227) }
```

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

```
.background{ background-color: rgb(224,  
148, 227) }
```

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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