

Converting Colors

$Y_{xy}(41.7074, 0.3148, 0.2392)$

Have a look what the booklet for
Yxy(41.7074, 0.3148, 0.2392)
contains.

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Color

Yxy(41.8044, 0.3151, 0.2393)

Conversions

Conversions Part 1

Format	Color
Hex	E191E3
RGB	225, 145, 227
RGB Percent	88%, 57%, 89%
CMY	0.1176, 0.4314, 0.1098
CMYK	0.01, 0.36, 0.00, 0.11
HSL	299°, 59%, 73%
HSV	299°, 36%, 89%
XYZ	55.0462, 41.8044, 77.8439
YIQ	178.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

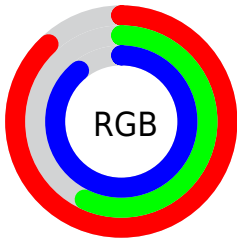
Format	Color
R_{YB}	225, 145, 227
Decimal	14782947
CIE _{Lab}	70.74, 42.91, -29.29
CIE _{LCh}	71, 51.955, 325.684
Yxy	41.8044, 0.3151, 0.2393
Android (android.graphics.Color)	4292973027 (0xFFE191E3)
YUV	178.2680, 24.0249, 40.9840
Hunter-Lab	64.6563, 38.8204, -26.1236

Details

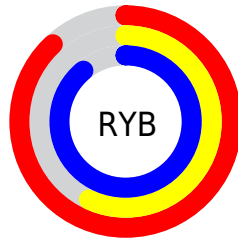
The Yxy color $41.8044, 0.3151, 0.2393$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $63.1865, 0.3089, 0.4375$, and the grayscale version is $44.5331, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.7886, 0.3152, 0.2752$, and $18.9194, 0.3141, 0.2175$ is the 20% darker color. If you saturate the color by 10%, you get $35.4602, 0.3155, 0.2162$, and if you desaturate by 10%, it is $49.5385, 0.3145, 0.2639$.

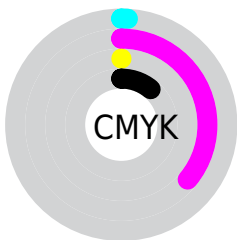
Distribution



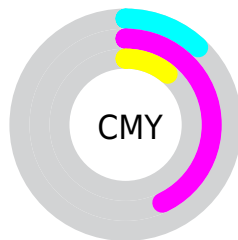
- Red (88%)
- Green (57%)
- Blue (89%)



- Red (88%)
- Yellow (57%)
- Blue (89%)



- Cyan (1%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)




- Cyan (12%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8044, 0.3151, 0.2393 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 41.8044, 0.3151, 0.2393 by changing the saturation by 10% instead.


 41.8044, 0.3151,
0.2393


 41.8044, 0.3151,
0.2393

353.6715, 0.3152,
0.2814

 28.9482, 0.3147,
0.2297


 77.9035, 0.3154,
0.2539

 19.0416, 0.3141,
0.2178


 101.9152, 0.3154,
0.2596

 11.7003, 0.3130,
0.2027

130.4141, 0.3154,
0.2645

 6.5400, 0.3109,
0.1833

163.7847, 0.3154,
0.2688

 3.1761, 0.3070,
0.1573

202.4113, 0.3154,
0.2725

 1.2244, 0.2989,
0.1217

246.6784, 0.3153,

 0.0815, 0.2958,

0.2758

0.0208

296.9703, 0.3153,
0.2787

■ 0.0000, 0.0725,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.8044, 0.3151,
0.2393

■ 41.8044, 0.3151,
0.2393

■ 35.4602, 0.3155,
0.2162

■ 49.5385, 0.3145,
0.2639

■ 30.4174, 0.3158,
0.1956

■ 58.7331, 0.3139,
0.2891

■ 26.5859, 0.3159,
0.1785


■ 69.4606, 0.3132,
0.3141

■ 23.8619, 0.3158,
0.1653


■ 81.7870, 0.3124,
0.3382

 22.1244, 0.3155,
0.1566


 93.5224, 0.3118,
0.3576

 21.2225, 0.3150,
0.1519

 93.6123, 0.3122,
0.3576

 20.9981, 0.3148,
0.1508

 93.7026, 0.3125,
0.3576

 93.7931, 0.3129,
0.3576

 93.8839, 0.3132,
0.3575

Harmonies

Analogous

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



41.8044, 0.2464, 0.2175



41.8044, 0.3151, 0.2393



41.8044, 0.3919, 0.2794

Triad

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



41.8044, 0.3151, 0.2393



41.8044, 0.4292, 0.4377



41.8044, 0.1931, 0.3035

Complementary

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



41.8044, 0.3151, 0.2393



63.1865, 0.3089, 0.4375

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.



41.8044, 0.2325, 0.3827



41.8044, 0.3151, 0.2393



41.8044, 0.3683, 0.4669

Square

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



41.8044, 0.3151, 0.2393



41.8044, 0.4608, 0.3866



41.8044, 0.2963, 0.4493



41.8044, 0.1831, 0.2460

Rectangle

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



41.8044, 0.3151, 0.2393



41.8044, 0.4335, 0.3130



41.8044, 0.2963, 0.4493



41.8044, 0.2030, 0.3286

Sweetspot

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



41.8062, 0.3151, 0.2393



83.2622, 0.3135, 0.3018



32.6606, 0.2475, 0.2240



17.4175, 0.3136, 0.2984



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.



41.8062, 0.3151, 0.2393



48.3376, 0.3154, 0.2226



40.2437, 0.3532, 0.2789



14.5965, 0.3134, 0.3058



12.2534, 0.3149, 0.1508



0.9112, 0.3158, 0.1514

Inverse Universe

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



38.6871, 0.3978, 0.3269



43.7562, 0.4236, 0.3266



64.3903, 0.2858, 0.3856



14.3736, 0.3289, 0.3285



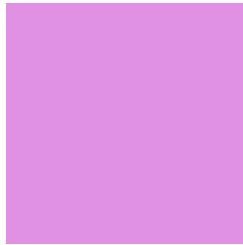
9.5337, 0.6374, 0.3285



0.7065, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 41.8044, 0.3151, 0.2393 looks on a white background.

Color Contrast Check

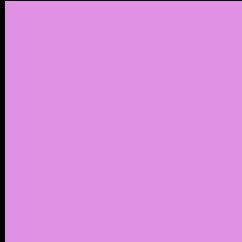
Large Text (above 18pt) WCAG AA × Fail

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 41.8044, 0.3151, 0.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

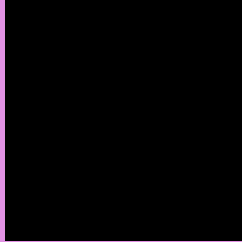
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8044, 0.3151, 0.2393

Background



This preview shows how black text looks on a background with the Yxy color 41.8044, 0.3151, 0.2393.



This preview shows how white text looks on a background with the Yxy color 41.8044, 0.3151, 0.2393.

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

41.8044, 0.3151, 0.2393

Protanopia

42.3253, 0.2439, 0.2350

Deuteranopia

41.9159, 0.2684, 0.2624



Tritanopia

41.7302, 0.3606, 0.3146

Trichromacy



Original Color

41.8044, 0.3151, 0.2393



Protanomaly

41.4790, 0.2654, 0.2354



Deuteranomaly

41.3107, 0.2836, 0.2522



Tritanomaly

41.7158, 0.3438, 0.2857

Monochromacy



Original Color

41.8044, 0.3151, 0.2393



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.8601, 0.3136, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8044, 0.3151, 0.2393 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, 145, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 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(225, 145, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 227) }
```

Border

The CSS property to change the border of an element to Yxy 41.8044, 0.3151, 0.2393 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, 145, 227) }
```

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

```
.border{ border-color:rgb(225, 145, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 145, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 145, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 145,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8044, 0.3151, 0.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 227) }
```

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

```
.background{ background-color: rgb(225,  
145, 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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