

Converting Colors

$Y_{xy}(41.0583, 0.3183, 0.2417)$

Have a look what the booklet for
Yxy(41.0583, 0.3183, 0.2417)
contains.

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Color

Yxy(41.1215, 0.3177, 0.2418)

Conversions

Conversions Part 1

Format	Color
Hex	E090DF
RGB	224, 144, 223
RGB Percent	88%, 56%, 87%
CMY	0.1217, 0.4352, 0.1254
CMYK	0.00, 0.36, 0.00, 0.12
HSL	301°, 56%, 72%
HSV	301°, 36%, 88%
XYZ	54.0294, 41.1215, 74.9132
YIQ	176.9260, 22.3210, 41.5290

Conversions

Conversions Part 2

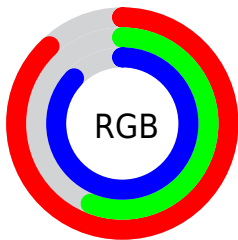
Format	Color
RYB	224, 144, 223
Decimal	14717151
CIELab	70.26, 42.38, -27.84
CIELCh	70, 50.701, 326.700
Yxy	41.1215, 0.3177, 0.2418
Android (android.graphics.Color)	4292907231 (0xFFE090DF)
YUV	176.9260, 22.7145, 41.2839
Hunter-Lab	64.1260, 38.1745, -24.3754

Details

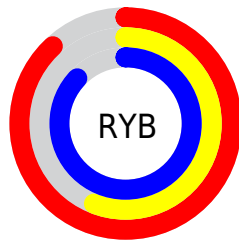
The Yxy color **41.1215, 0.3177, 0.2418** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.2736, 0.3071, 0.4350**, and the grayscale version is **43.7968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **18.6969, 0.3165, 0.2206** is the 20% darker color. If you saturate the color by 10%, you get **34.9830, 0.3191, 0.2192**, and if you desaturate by 10%, it is **48.6095, 0.3163, 0.2660**.

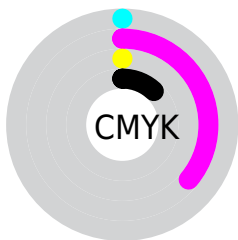
Distribution



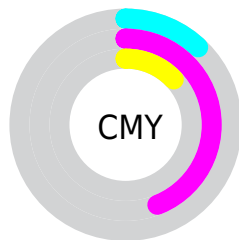
- Red (88%)
- Green (56%)
- Blue (87%)



- Red (88%)
- Yellow (56%)
- Blue (87%)



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1215, 0.3177, 0.2418 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 41.1215, 0.3177, 0.2418 by changing the saturation by 10% instead.


 41.1215, 0.3177,
0.2418

 41.1215, 0.3177,
0.2418


350.8282, 0.3164,
0.2829

 28.4140, 0.3177,
0.2323


 76.8683, 0.3175,
0.2562

 18.6380, 0.3175,
0.2206


 100.6764, 0.3173,
0.2617

 11.4090, 0.3169,
0.2057


128.9536, 0.3172,
0.2665

 6.3426, 0.3157,
0.1863

162.0841, 0.3170,
0.2706

 3.0545, 0.3129,
0.1603

200.4524, 0.3169,
0.2743

 1.1603, 0.3064,
0.1242

244.4430, 0.3167,

 0.0289, 0.3104,

0.2775

0.0083

294.4401, 0.3166,
0.2803

■ 0.0000, 0.0124,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.1215, 0.3177,
0.2418

■ 41.1215, 0.3177,
0.2418

■ 34.9830, 0.3191,
0.2192

■ 48.6095, 0.3163,
0.2660

■ 30.1086, 0.3204,
0.1990


■ 57.5150, 0.3148,
0.2907


■ 26.4117, 0.3215,
0.1823

■ 67.9080, 0.3135,
0.3153

■ 23.7924, 0.3225,
0.1696


■ 79.8520, 0.3122,
0.3391

 22.1345, 0.3232,
0.1612

 92.7653, 0.3110,
0.3606


 21.2947, 0.3238,
0.1569

 92.7799, 0.3108,
0.3603

 21.0795, 0.3240,
0.1558

 92.7946, 0.3107,
0.3601

 92.8093, 0.3105,
0.3598

 92.8240, 0.3104,
0.3595

Harmonies

Analogous

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



41.1215, 0.2495, 0.2196



41.1215, 0.3177, 0.2418



41.1215, 0.3929, 0.2818

Triad

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



41.1215, 0.3177, 0.2418



41.1215, 0.4257, 0.4375



41.1215, 0.1943, 0.3018

Complementary

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



41.1215, 0.3177, 0.2418



61.2736, 0.3071, 0.4350

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.



41.1215, 0.2322, 0.3790



41.1215, 0.3177, 0.2418



41.1215, 0.3653, 0.4646

Square

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



41.1215, 0.3177, 0.2418



41.1215, 0.4578, 0.3878



41.1215, 0.2944, 0.4453



41.1215, 0.1853, 0.2462

Rectangle

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



41.1215, 0.3177, 0.2418



41.1215, 0.4329, 0.3152



41.1215, 0.2944, 0.4453



41.1215, 0.2037, 0.3262

Sweetspot

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



41.1233, 0.3177, 0.2418



83.3691, 0.3142, 0.3022



31.2621, 0.2479, 0.2219



17.4432, 0.3144, 0.2988



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.



41.1233, 0.3177, 0.2418



48.7534, 0.3188, 0.2244



39.2552, 0.3553, 0.2825



13.9327, 0.3140, 0.3062



12.2739, 0.3239, 0.1558



0.8517, 0.3234, 0.1555

Inverse Universe

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



41.1233, 0.3177, 0.2418



48.7534, 0.3188, 0.2244



62.6906, 0.2846, 0.3812



13.9327, 0.3140, 0.3062



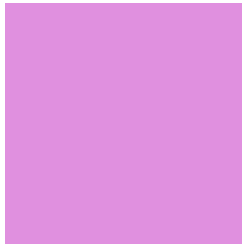
12.2739, 0.3239, 0.1558



0.8517, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 41.1215, 0.3177, 0.2418 looks on a white background.

Color Contrast Check

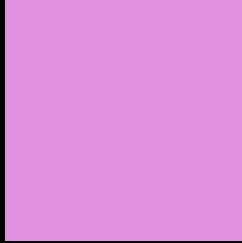
Large Text (above 18pt) WCAG AA × Fail

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 41.1215, 0.3177, 0.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

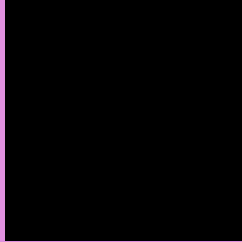
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1215, 0.3177, 0.2418

Background



This preview shows how black text looks on a background with the Yxy color 41.1215, 0.3177, 0.2418.



This preview shows how white text looks on a background with the Yxy color 41.1215, 0.3177, 0.2418.

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

41.1215, 0.3177, 0.2418

Protanopia

41.6443, 0.2464, 0.2388

Deuteranopia

41.4372, 0.2717, 0.2658



Tritanopia

40.9844, 0.3632, 0.3146

Trichromacy



Original Color

41.1215, 0.3177, 0.2418



Protanomaly

40.8350, 0.2686, 0.2391



Deuteranomaly

40.7480, 0.2865, 0.2552



Tritanomaly

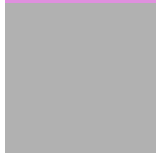
40.9367, 0.3470, 0.2867

Monochromacy



Original Color

41.1215, 0.3177, 0.2418



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.2746, 0.3144, 0.2925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1215, 0.3177, 0.2418 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, 144, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 144, 223)  
}
```

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, 144, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 144, 223) }
```

Border

The CSS property to change the border of an element to Yxy 41.1215, 0.3177, 0.2418 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, 144, 223) }
```

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

```
.border{ border-color:rgb(224, 144, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 144, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 144, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 144, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 144,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1215, 0.3177, 0.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 144, 223) }
```

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

```
.background{ background-color: rgb(224,  
144, 223) }
```

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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