

Converting Colors

$Y_{xy}(42.5527, 0.3371, 0.2519)$

Have a look what the booklet for
Yxy(42.5527, 0.3371, 0.2519)
contains.

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Color

Yxy(42.5557, 0.3372, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	ED8FD7
RGB	237, 143, 215
RGB Percent	93%, 56%, 84%
CMY	0.0706, 0.4392, 0.1568
CMYK	0.00, 0.40, 0.09, 0.07
HSL	314°, 72%, 75%
HSV	314°, 40%, 93%
XYZ	57.0115, 42.5557, 69.5060
YIQ	179.3140, 32.9120, 42.3200

Conversions

Conversions Part 2

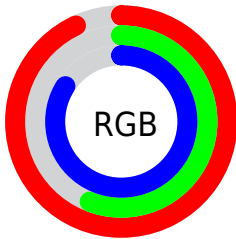
Format	Color
R _Y B	237, 143, 215
Decimal	15568855
CIE Lab	71.25, 45.59, -21.77
CIE LCh	71, 50.519, 334.472
Yxy	42.5557, 0.3372, 0.2517
Android (android.graphics.Color)	4293758935 (0xFFED8FD7)
YUV	179.3140, 17.5932, 50.5906
Hunter-Lab	65.2347, 41.8381, -17.5077

Details

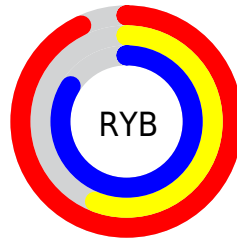
The Yxy color $42.5557, 0.3372, 0.2517$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $69.1192, 0.2953, 0.4217$, and the grayscale version is $45.1482, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8682, 0.3153, 0.2732$, and $19.4341, 0.3423, 0.2327$ is the 20% darker color. If you saturate the color by 10%, you get $35.8973, 0.3455, 0.2334$, and if you desaturate by 10%, it is $50.7305, 0.3298, 0.2712$.

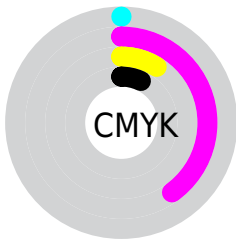
Distribution



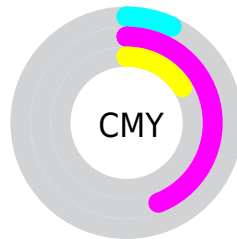
- Red (93%)
- Green (56%)
- Blue (84%)



- Red (93%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5557, 0.3372, 0.2517 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 42.5557, 0.3372, 0.2517 by changing the saturation by 10% instead.


 42.5557, 0.3372,
0.2517

 42.5557, 0.3372,
0.2517


356.7814, 0.3260,
0.2882

 29.5367, 0.3397,
0.2432


 79.0400, 0.3333,
0.2645

 19.4872, 0.3428,
0.2327


 103.2740, 0.3318,
0.2694

 12.0228, 0.3466,
0.2193

132.0151, 0.3305,
0.2737

 6.7592, 0.3514,
0.2017


165.6478, 0.3294,
0.2774

 3.3120, 0.3576,
0.1778

204.5563, 0.3284,
0.2806

 1.2967, 0.3655,
0.1438

249.1252, 0.3275,

 0.1386, 0.3962,

0.2834

0.0419

299.7387, 0.3267,
0.2860

0.0000, 0.2915,
0.0000

0.0000, 0.0000,
0.0000

42.5557, 0.3372,
0.2517

42.5557, 0.3372,
0.2517

35.8973, 0.3455,
0.2334

50.7305, 0.3298,
0.2712

30.6540, 0.3544,
0.2174

60.5030, 0.3232,
0.2911

26.7212, 0.3637,
0.2048

71.9559, 0.3175,
0.3108

23.9774, 0.3733,
0.1963

85.1641, 0.3126,
0.3296

■ 22.2781, 0.3826,
0.1926

■ 95.9771, 0.3086,
0.3412

■ 21.3878, 0.3916,
0.1932

■ 96.3166, 0.3055,
0.3356

■ 21.3622, 0.3919,
0.1932

■ 96.6662, 0.3024,
0.3301

■ 96.7428, 0.3017,
0.3290

Harmonies

Analogous

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



42.5557, 0.2661, 0.2247



42.5557, 0.3372, 0.2517



42.5557, 0.4086, 0.2949

Triad

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



42.5557, 0.3372, 0.2517



42.5557, 0.4109, 0.4461



42.5557, 0.1908, 0.2854

Complementary

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



42.5557, 0.3372, 0.2517



69.1192, 0.2953, 0.4217

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.



42.5557, 0.2210, 0.3579



42.5557, 0.3372, 0.2517



42.5557, 0.3469, 0.4626

Square

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



42.5557, 0.3372, 0.2517



42.5557, 0.4512, 0.4010



42.5557, 0.2773, 0.4299



42.5557, 0.1891, 0.2379

Rectangle

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



42.5557, 0.3372, 0.2517



42.5557, 0.4422, 0.3291



42.5557, 0.2773, 0.4299



42.5557, 0.1976, 0.3075

Sweetspot

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



42.5576, 0.3372, 0.2517



81.5542, 0.3188, 0.3061



33.7546, 0.2557, 0.2125



17.0652, 0.3195, 0.3035



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.



42.5576, 0.3372, 0.2517



43.4373, 0.3442, 0.2360



40.4806, 0.3854, 0.3011



15.2500, 0.3174, 0.3111



11.6854, 0.3905, 0.1925



0.9322, 0.3788, 0.1860

Inverse Universe

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



42.5576, 0.3372, 0.2517



43.4373, 0.3442, 0.2360



71.1529, 0.2704, 0.3597



15.2500, 0.3174, 0.3111



11.6854, 0.3905, 0.1925



0.9322, 0.3788, 0.1860

Previews

White Background



This preview shows how the Yxy color 42.5557, 0.3372, 0.2517 looks on a white background.

Color Contrast Check

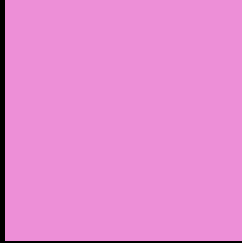
Large Text (above 18pt) WCAG AA × Fail

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 42.5557, 0.3372, 0.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

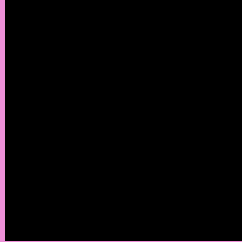
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5557, 0.3372, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 42.5557, 0.3372, 0.2517.



This preview shows how white text looks on a background with the Yxy color 42.5557, 0.3372, 0.2517.

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

42.5557, 0.3372, 0.2517

Protanopia

43.1114, 0.2551, 0.2500

Deuteranopia

42.7776, 0.2846, 0.2789



Tritanopia

42.4880, 0.3796, 0.3154

Trichromacy



Original Color

42.5557, 0.3372, 0.2517



Protanomaly

41.8812, 0.2807, 0.2492



Deuteranomaly

42.1135, 0.3022, 0.2671



Tritanomaly

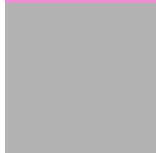
42.2374, 0.3641, 0.2907

Monochromacy



Original Color

42.5557, 0.3372, 0.2517



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.3576, 0.3215, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5557, 0.3372, 0.2517 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, 143, 215)` looks like.

```
.text, #text, p{  
    color:rgb(237, 143, 215)  
}
```

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, 143, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 143, 215) }
```

Border

The CSS property to change the border of an element to Yxy 42.5557, 0.3372, 0.2517 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, 143, 215) }
```

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

```
.border{ border-color:rgb(237, 143, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 143, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 143, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 143, 215);  
box-shadow:4px 4px 4px 4px rgb(237, 143,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5557, 0.3372, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 143, 215) }
```

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

```
.background{ background-color: rgb(237,  
143, 215) }
```

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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