

Converting Colors

Yxy(50.6686, 0.3260, 0.2420)

Have a look what the booklet for
Yxy(50.6686, 0.3260, 0.2420)
contains.

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Color

Yxy(50.7361, 0.3263, 0.2425)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FD9BF2 |
| RGB | 253, 155, 242 |
| RGB Percent | 99%, 61%, 95% |
| CMY | 0.0077, 0.3922, 0.0509 |
| CMYK | 0.00, 0.39, 0.04, 0.01 |
| HSL | 307°, 96%, 80% |
| HSV | 307°, 39%, 99% |
| XYZ | 68.2688, 50.7361, 90.2161 |
| YIQ | 194.2200, 30.4810, 47.8330 |

Conversions

Conversions Part 2

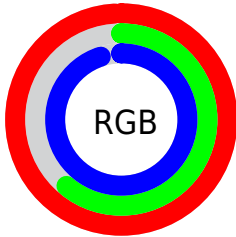
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 253, 155, 242 |
| Decimal | 16620530 |
| CIE Lab | 76.52, 48.99, -28.33 |
| CIE LCh | 77, 56.594, 329.959 |
| Yxy | 50.7361, 0.3263, 0.2425 |
| Android (android.graphics.Color) | 4294810610 (0xFFFD9BF2) |
| YUV | 194.2200, 23.5555, 51.5501 |
| Hunter-Lab | 71.2293, 46.4299, -25.2338 |

Details

The Yxy color **50.7361, 0.3263, 0.2425** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.9944, 0.3016, 0.4345**, and the grayscale version is **53.9310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **24.4546, 0.3282, 0.2228** is the 20% darker color. If you saturate the color by 10%, you get **43.0120, 0.3306, 0.2219**, and if you desaturate by 10%, it is **60.2318, 0.3223, 0.2646**.

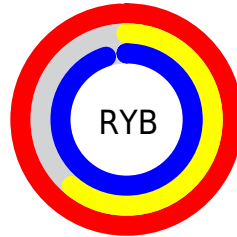
Distribution



Red (99%)

Green (61%)

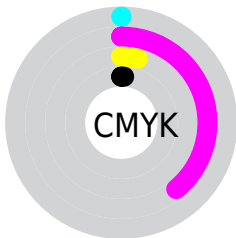
Blue (95%)



Red (99%)

Yellow (61%)

Blue (95%)

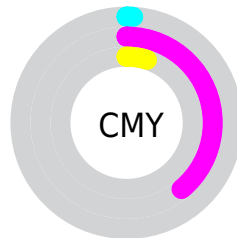


Cyan (0%)

Magenta (39%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7361, 0.3263, 0.2425 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 50.7361, 0.3263, 0.2425 by changing the saturation by 10% instead.


 50.7361, 0.3263,
0.2425

 50.7361, 0.3263,
0.2425


389.5376, 0.3210,
0.2817

 35.9986, 0.3273,
0.2338


 91.2646, 0.3247,
0.2559

 24.4331, 0.3283,
0.2232


 117.8243, 0.3240,
0.2612

 15.6552, 0.3295,
0.2100


149.0937, 0.3233,
0.2658

 9.2805, 0.3306,
0.1932

185.4570, 0.3228,
0.2698

 4.9246, 0.3315,
0.1713

227.2986, 0.3223,
0.2733

 2.2031, 0.3313,
0.1418

275.0030, 0.3218,

 0.7217, 0.3284,

0.2764

0.1000

328.9545, 0.3214,
0.2792

0.0000, 0.3289,
0.0000

0.0000, 0.0000,
0.0000

50.7361, 0.3263,
0.2425

50.7361, 0.3263,
0.2425

43.0120, 0.3306,
0.2219

60.2318, 0.3223,
0.2646

36.9415, 0.3350,
0.2039

71.5939, 0.3186,
0.2873

32.4033, 0.3395,
0.1893

84.9183, 0.3153,
0.3099

29.2563, 0.3438,
0.1789

99.5267, 0.3124,
0.3305

■ 27.3332, 0.3478,
0.1731

99.6298, 0.3115,
0.3290

■ 26.3928, 0.3516,
0.1714

■ 26.3049, 0.3521,
0.1713

Harmonies

Analogous

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



50.7361, 0.2537, 0.2174



50.7361, 0.3263, 0.2425



50.7361, 0.4038, 0.2853

Triad

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



50.7361, 0.3263, 0.2425



50.7361, 0.4238, 0.4458



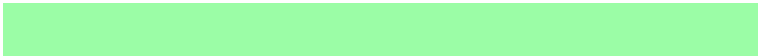
50.7361, 0.1876, 0.2926

Complementary

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



50.7361, 0.3263, 0.2425



79.9944, 0.3016, 0.4345

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.



50.7361, 0.2234, 0.3720



50.7361, 0.3263, 0.2425



50.7361, 0.3589, 0.4708

Square

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



50.7361, 0.3263, 0.2425



50.7361, 0.4616, 0.3953



50.7361, 0.2855, 0.4450



50.7361, 0.1817, 0.2385

Rectangle

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



50.7361, 0.3263, 0.2425



50.7361, 0.4431, 0.3202



50.7361, 0.2855, 0.4450



50.7361, 0.1962, 0.3172

Sweetspot

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



50.7384, 0.3263, 0.2425



81.7871, 0.3163, 0.3026



38.5072, 0.2476, 0.2122



17.1203, 0.3168, 0.2996



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.



50.7384, 0.3263, 0.2425



45.0128, 0.3298, 0.2253



48.2305, 0.3703, 0.2881



18.2631, 0.3155, 0.3082



14.0022, 0.3515, 0.1710



1.3729, 0.3475, 0.1688

Inverse Universe

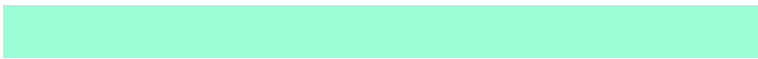
The Inverse Universe completely reimagines the original color for something new.



50.7384, 0.3263, 0.2425



45.0128, 0.3298, 0.2253



82.0869, 0.2775, 0.3748



18.2631, 0.3155, 0.3082



14.0022, 0.3515, 0.1710



1.3729, 0.3475, 0.1688

Previews

White Background



This preview shows how the Yxy color 50.7361, 0.3263, 0.2425 looks on a white background.

Color Contrast Check

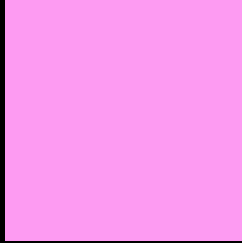
Large Text (above 18pt) WCAG AA × Fail

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 50.7361, 0.3263, 0.2425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

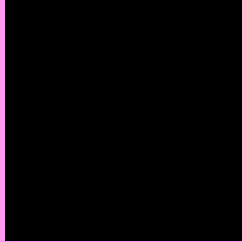
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7361, 0.3263, 0.2425

Background



This preview shows how black text looks on a background with the Yxy color 50.7361, 0.3263, 0.2425.

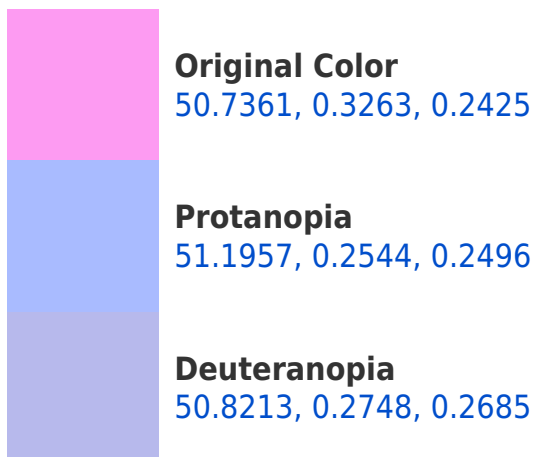


This preview shows how white text looks on a background with the Yxy color 50.7361, 0.3263, 0.2425.

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





Tritanopia

50.7130, 0.3734, 0.3161

Trichromacy



Original Color

50.7361, 0.3263, 0.2425



Protanomaly

49.8414, 0.2774, 0.2451



Deuteranomaly

49.8550, 0.2917, 0.2570



Tritanomaly

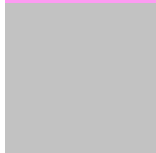
50.4626, 0.3556, 0.2867

Monochromacy



Original Color

50.7361, 0.3263, 0.2425



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

51.7927, 0.3178, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7361, 0.3263, 0.2425 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(253, 155, 242)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 242)  
}
```

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(253, 155, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 242) }
```

Border

The CSS property to change the border of an element to Yxy 50.7361, 0.3263, 0.2425 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(253, 155, 242) }
```

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

```
.border{ border-color:rgb(253, 155, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7361, 0.3263, 0.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 242) }
```

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

```
.background{ background-color: rgb(253,  
155, 242) }
```

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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