

Converting Colors

Yxy(50.6757, 0.3129, 0.2403)

Have a look what the booklet for
Yxy(50.6757, 0.3129, 0.2403)
contains.

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Color

Yxy(50.7343, 0.3127, 0.2404)

Conversions

Conversions Part 1

Format	Color
Hex	F2A0F7
RGB	242, 160, 247
RGB Percent	95%, 63%, 97%
CMY	0.0507, 0.3726, 0.0313
CMYK	0.02, 0.35, 0.00, 0.03
HSL	297°, 84%, 80%
HSV	297°, 35%, 97%
XYZ	65.9926, 50.7343, 94.3143
YIQ	194.4360, 20.9450, 44.4410

Conversions

Conversions Part 2

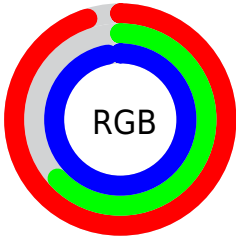
Format	Color
R _Y B	242, 160, 247
Decimal	15900919
CIE Lab	76.52, 43.96, -31.14
CIE LCh	77, 53.872, 324.693
Yxy	50.7343, 0.3127, 0.2404
Android (android.graphics.Color)	4294090999 (0xFFFF2A0F7)
YUV	194.4360, 25.9141, 41.7136
Hunter-Lab	71.2280, 40.7308, -28.6474

Details

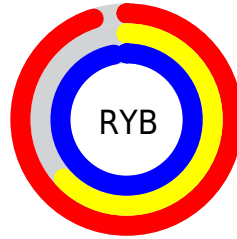
The Yxy color $50.7343, 0.3127, 0.2404$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $77.0533, 0.3107, 0.4344$, and the grayscale version is $54.0562, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5917, 0.3145, 0.2910$, and $24.5474, 0.3121, 0.2217$ is the 20% darker color. If you saturate the color by 10%, you get $42.7606, 0.3123, 0.2166$, and if you desaturate by 10%, it is $60.4154, 0.3129, 0.2655$.

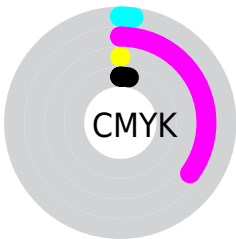
Distribution



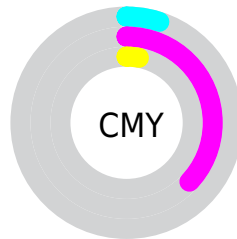
- Red (95%)
- Green (63%)
- Blue (97%)



- Red (95%)
- Yellow (63%)
- Blue (97%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)




- Cyan (5%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7343, 0.3127, 0.2404 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 50.7343, 0.3127, 0.2404 by changing the saturation by 10% instead.

 50.7343, 0.3127,
0.2404

 50.7343, 0.3127,
0.2404


389.5306, 0.3139,
0.2806

 35.9972, 0.3121,
0.2315


 91.2619, 0.3134,
0.2541

 24.4320, 0.3112,
0.2206


 117.8212, 0.3136,
0.2595

 15.6544, 0.3099,
0.2072


149.0900, 0.3137,
0.2642

 9.2799, 0.3077,
0.1901

185.4527, 0.3138,
0.2683

 4.9242, 0.3039,
0.1678

227.2937, 0.3139,
0.2719

 2.2029, 0.2971,
0.1379

274.9975, 0.3139,

 0.7216, 0.2838,

0.2751

0.0960

328.9483, 0.3139,
0.2780

0.0000, 0.2617,
0.0000

0.0000, 0.0000,
0.0000

50.7343, 0.3127,
0.2404

50.7343, 0.3127,
0.2404

42.7606, 0.3123,
0.2166

60.4154, 0.3129,
0.2655

36.3864, 0.3116,
0.1951

71.8902, 0.3129,
0.2911

31.5019, 0.3108,
0.1770

85.2472, 0.3128,
0.3162

27.9806, 0.3097,
0.1629

98.1329, 0.3128,
0.3367

■ 25.6752, 0.3085,
0.1532

■ 98.3900, 0.3136,
0.3367

■ 24.4040, 0.3071,
0.1477

■ 98.6491, 0.3145,
0.3367

■ 24.0338, 0.3065,
0.1462

■ 98.9101, 0.3154,
0.3367

■ 99.1730, 0.3163,
0.3367

■ 99.4379, 0.3172,
0.3367

Harmonies

Analogous

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



50.7343, 0.2463, 0.2197



50.7343, 0.3127, 0.2404



50.7343, 0.3875, 0.2792

Triad

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



50.7343, 0.3127, 0.2404



50.7343, 0.4280, 0.4339



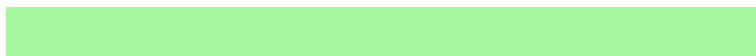
50.7343, 0.1969, 0.3068

Complementary

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



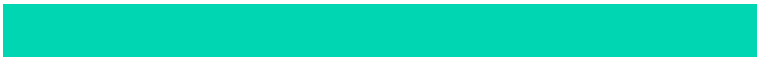
50.7343, 0.3127, 0.2404



77.0533, 0.3107, 0.4344

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.



50.7343, 0.2364, 0.3837



50.7343, 0.3127, 0.2404



50.7343, 0.3695, 0.4627

Square

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



50.7343, 0.3127, 0.2404



50.7343, 0.4572, 0.3839



50.7343, 0.2993, 0.4470



50.7343, 0.1860, 0.2497

Rectangle

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



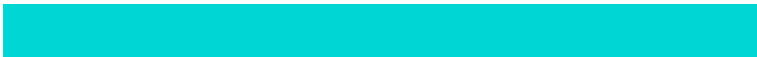
50.7343, 0.3127, 0.2404



50.7343, 0.4285, 0.3119



50.7343, 0.2993, 0.4470



50.7343, 0.2069, 0.3314

Sweetspot

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



50.7365, 0.3127, 0.2404



83.0897, 0.3129, 0.3018



41.3783, 0.2495, 0.2300



17.3760, 0.3129, 0.2983



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.



50.7365, 0.3127, 0.2404



48.4921, 0.3124, 0.2239



49.5262, 0.3494, 0.2770



16.7175, 0.3129, 0.3056



12.7316, 0.3067, 0.1463



1.1333, 0.3086, 0.1474

Inverse Universe

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



47.6220, 0.3925, 0.3239



44.7411, 0.4161, 0.3229



78.0591, 0.2878, 0.3879



16.4978, 0.3285, 0.3277



10.4811, 0.6342, 0.3267



0.9265, 0.6196, 0.3187

Previews

White Background



This preview shows how the Yxy color 50.7343, 0.3127, 0.2404 looks on a white background.

Color Contrast Check

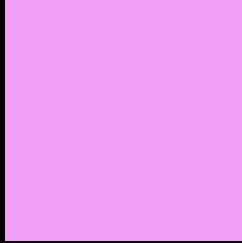
Large Text (above 18pt) WCAG AA × Fail

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 50.7343, 0.3127, 0.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

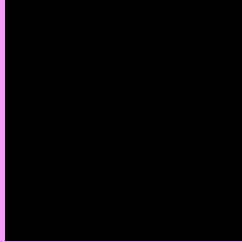
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7343, 0.3127, 0.2404

Background



This preview shows how black text looks on a background with the Yxy color 50.7343, 0.3127, 0.2404.



This preview shows how white text looks on a background with the Yxy color 50.7343, 0.3127, 0.2404.

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

50.7343, 0.3127, 0.2404

Protanopia

51.1957, 0.2544, 0.2496

Deuteranopia

51.1123, 0.2684, 0.2629



Tritanopia

50.5426, 0.3568, 0.3134

Trichromacy



Original Color

50.7343, 0.3127, 0.2404



Protanomaly

50.2083, 0.2733, 0.2448



Deuteranomaly

50.5325, 0.2830, 0.2535



Tritanomaly

50.5639, 0.3405, 0.2855

Monochromacy



Original Color

50.7343, 0.3127, 0.2404



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.1089, 0.3127, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7343, 0.3127, 0.2404 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(242, 160, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 160, 247)  
}
```

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(242, 160, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 160, 247) }
```

Border

The CSS property to change the border of an element to Yxy 50.7343, 0.3127, 0.2404 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(242, 160, 247) }
```

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

```
.border{ border-color:rgb(242, 160, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 160, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 160, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 160, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 160,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7343, 0.3127, 0.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 160, 247) }
```

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

```
.background{ background-color: rgb(242,  
160, 247) }
```

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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