

Converting Colors

Yxy(55.4213, 0.3172, 0.2516)

Have a look what the booklet for
Yxy(55.4213, 0.3172, 0.2516)
contains.

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Color

Yxy(55.4213, 0.3172, 0.2516)

Conversions

Conversions Part 1

Format	Color
Hex	F8AAF7
RGB	248, 170, 247
RGB Percent	97%, 67%, 97%
CMY	0.0274, 0.3333, 0.0315
CMYK	0.00, 0.31, 0.00, 0.03
HSL	301°, 85%, 82%
HSV	301°, 31%, 97%
XYZ	69.8714, 55.4213, 94.9828
YIQ	202.1000, 21.7710, 40.4830

Conversions

Conversions Part 2

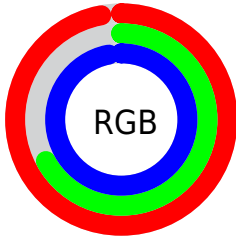
Format	Color
R _Y B	248, 170, 247
Decimal	16296695
CIE Lab	79.28, 40.55, -26.82
CIE LCh	79, 48.618, 326.523
Yxy	55.4213, 0.3172, 0.2516
Android (android.graphics.Color)	4294486775 (0xFFF8AAF7)
YUV	202.1000, 22.1357, 40.2543
Hunter-Lab	74.4455, 37.2529, -23.5345

Details

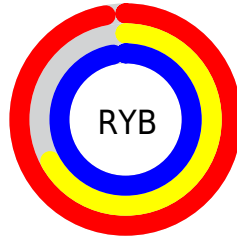
The Yxy color **55.4213, 0.3172, 0.2516** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.6273, 0.3078, 0.4209**, and the grayscale version is **58.9789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **27.1556, 0.3172, 0.2342** is the 20% darker color. If you saturate the color by 10%, you get **46.9651, 0.3187, 0.2281**, and if you desaturate by 10%, it is **65.6363, 0.3157, 0.2762**.

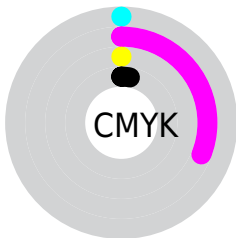
Distribution



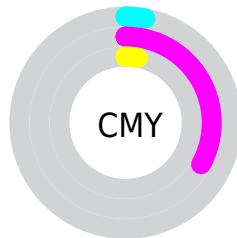
- Red (97%)
- Green (67%)
- Blue (97%)



- Red (97%)
- Yellow (67%)
- Blue (97%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4213, 0.3172, 0.2516 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 55.4213, 0.3172, 0.2516 by changing the saturation by 10% instead.


 55.4213, 0.3172,
0.2516

 55.4213, 0.3172,
0.2516


407.5070, 0.3160,
0.2866

 39.7391, 0.3173,
0.2439

 98.1580, 0.3170,
0.2635

 27.3352, 0.3172,
0.2344


125.9812, 0.3168,
0.2682

 17.8251, 0.3170,
0.2227


158.6203, 0.3167,
0.2723

 10.8245, 0.3164,
0.2077

196.4596, 0.3165,
0.2759

 5.9490, 0.3151,
0.1882

239.8836, 0.3164,
0.2790

 2.8141, 0.3121,
0.1616

289.2765, 0.3163,

 1.0354, 0.3053,

0.2818

0.1243

345.0228, 0.3161,
0.2843

0.0000, 0.3094,
0.0000

0.0000, 0.0000,
0.0000

55.4213, 0.3172,
0.2516

55.4213, 0.3172,
0.2516

46.9651, 0.3187,
0.2281

65.6363, 0.3157,
0.2762

40.1614, 0.3200,
0.2068

77.6938, 0.3143,
0.3011

34.9041, 0.3213,
0.1885

91.6811, 0.3129,
0.3255

31.0715, 0.3224,
0.1741

98.2726, 0.3122,
0.3355

■ 28.5238, 0.3232,
0.1640

■ 98.2932, 0.3120,
0.3352

■ 27.0931, 0.3239,
0.1582

■ 98.3137, 0.3119,
0.3348

■ 26.5319, 0.3243,
0.1560

■ 98.3344, 0.3117,
0.3345

■ 98.3550, 0.3115,
0.3342

■ 98.3757, 0.3113,
0.3339

Harmonies

Analogous

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



55.4213, 0.2572, 0.2319



55.4213, 0.3172, 0.2516



55.4213, 0.3821, 0.2876

Triad

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



55.4213, 0.3172, 0.2516



55.4213, 0.4129, 0.4252



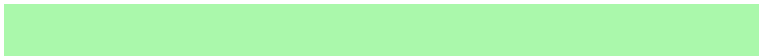
55.4213, 0.2084, 0.3068

Complementary

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



55.4213, 0.3172, 0.2516



78.6273, 0.3078, 0.4209

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.



55.4213, 0.2429, 0.3727



55.4213, 0.3172, 0.2516



55.4213, 0.3605, 0.4464

Square

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



55.4213, 0.3172, 0.2516



55.4213, 0.4395, 0.3825



55.4213, 0.2982, 0.4285



55.4213, 0.1997, 0.2573

Rectangle

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



55.4213, 0.3172, 0.2516



55.4213, 0.4168, 0.3176



55.4213, 0.2982, 0.4285



55.4213, 0.2171, 0.3279

Sweetspot

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



55.4237, 0.3172, 0.2516



86.2017, 0.3139, 0.3071



44.0777, 0.2565, 0.2360



18.0075, 0.3142, 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.



55.4237, 0.3172, 0.2516



52.8850, 0.3182, 0.2359



53.3142, 0.3489, 0.2880



17.5204, 0.3140, 0.3059



14.3336, 0.3243, 0.1560



1.3288, 0.3238, 0.1558

Inverse Universe

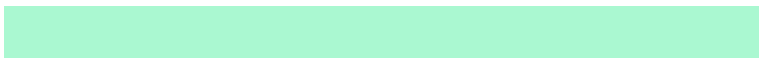
The Inverse Universe completely reimagines the original color for something new.



55.4237, 0.3172, 0.2516



52.8850, 0.3182, 0.2359



80.2890, 0.2874, 0.3743



17.5204, 0.3140, 0.3059



14.3336, 0.3243, 0.1560



1.3288, 0.3238, 0.1558

Previews

White Background



This preview shows how the Yxy color 55.4213, 0.3172, 0.2516 looks on a white background.

Color Contrast Check

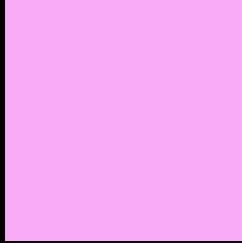
Large Text (above 18pt) WCAG AA × Fail

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 55.4213, 0.3172, 0.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

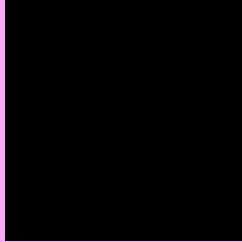
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4213, 0.3172, 0.2516

Background



This preview shows how black text looks on a background with the Yxy color 55.4213, 0.3172, 0.2516.



This preview shows how white text looks on a background with the Yxy color 55.4213, 0.3172, 0.2516.

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

55.4213, 0.3172, 0.2516

Protanopia

55.9535, 0.2625, 0.2605

Deuteranopia

55.9484, 0.2782, 0.2719



Tritanopia

55.2383, 0.3542, 0.3139

Trichromacy



Original Color

55.4213, 0.3172, 0.2516



Protanomaly

55.1252, 0.2805, 0.2564



Deuteranomaly

55.3757, 0.2917, 0.2643



Tritanomaly

55.0879, 0.3411, 0.2898

Monochromacy



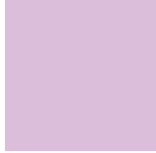
Original Color

55.4213, 0.3172, 0.2516



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

56.9489, 0.3150, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4213, 0.3172, 0.2516 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(248, 170, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 170, 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(248, 170, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 170, 247) }
```

Border

The CSS property to change the border of an element to Yxy 55.4213, 0.3172, 0.2516 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(248, 170, 247) }
```

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

```
.border{ border-color:rgb(248, 170, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 170, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 170, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 170, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 170,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4213, 0.3172, 0.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 170, 247) }
```

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

```
.background{ background-color: rgb(248,  
170, 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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