

Converting Colors

Yxy(55.4805, 0.3111, 0.2509)

Have a look what the booklet for
Yxy(55.4805, 0.3111, 0.2509)
contains.

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Color

Yxy(55.3993, 0.3115, 0.2508)

Conversions

Conversions Part 1

Format	Color
Hex	F3ACF9
RGB	243, 172, 249
RGB Percent	95%, 67%, 98%
CMY	0.0471, 0.3254, 0.0236
CMYK	0.02, 0.31, 0.00, 0.02
HSL	295°, 87%, 83%
HSV	295°, 31%, 98%
XYZ	68.8073, 55.3993, 96.6837
YIQ	202.0070, 17.5990, 38.9990

Conversions

Conversions Part 2

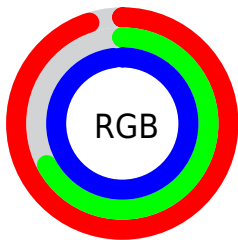
Format	Color
R _Y B	243, 172, 249
Decimal	15969529
CIE Lab	79.27, 38.30, -27.97
CIE LCh	79, 47.431, 323.860
Yxy	55.3993, 0.3115, 0.2508
Android (android.graphics.Color)	4294159609 (0xFFF3ACF9)
YUV	202.0070, 23.1675, 35.9509
Hunter-Lab	74.4307, 34.7603, -24.9148

Details

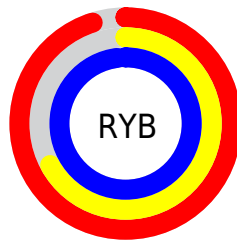
The Yxy color **55.3993, 0.3115, 0.2508** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80.1956, 0.3121, 0.4193**, and the grayscale version is **58.9132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **27.4385, 0.3106, 0.2344** is the 20% darker color. If you saturate the color by 10%, you get **46.4500, 0.3106, 0.2260**, and if you desaturate by 10%, it is **66.1326, 0.3121, 0.2764**.

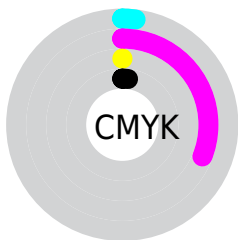
Distribution



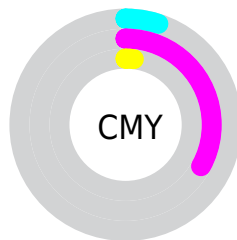
- Red (95%)
- Green (67%)
- Blue (98%)



- Red (95%)
- Yellow (67%)
- Blue (98%)



- Cyan (2%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)




- Cyan (5%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3993, 0.3115, 0.2508 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 55.3993, 0.3115, 0.2508 by changing the saturation by 10% instead.


 55.3993, 0.3115,
0.2508

 55.3993, 0.3115,
0.2508

407.4238, 0.3130,
0.2862

 39.7215, 0.3109,
0.2430


 98.1257, 0.3122,
0.2629

 27.3215, 0.3101,
0.2334


125.9432, 0.3124,
0.2676

 17.8148, 0.3089,
0.2216


158.5760, 0.3126,
0.2717

 10.8171, 0.3069,
0.2065

196.4085, 0.3127,
0.2754

 5.9440, 0.3038,
0.1867

239.8251, 0.3128,
0.2785

 2.8111, 0.2982,
0.1599

289.2103, 0.3129,

 1.0339, 0.2874,

0.2814

0.1224

344.9484, 0.3130,
0.2839

0.0000, 0.2826,
0.0000

0.0000, 0.0000,
0.0000

55.3993, 0.3115,
0.2508

55.3993, 0.3115,
0.2508

46.4500, 0.3106,
0.2260

66.1326, 0.3121,
0.2764

39.1782, 0.3095,
0.2031


78.7344, 0.3125,
0.3020


33.4770, 0.3081,
0.1830

93.2923, 0.3127,
0.3268

29.2245, 0.3065,
0.1666

98.8242, 0.3135,
0.3348

 26.2805, 0.3047,
0.1545

 99.1868, 0.3148,
0.3348

 24.4775, 0.3028,
0.1469

 99.5532, 0.3160,
0.3347

 23.5866, 0.3010,
0.1432

 99.6192, 0.3162,
0.3347

Harmonies

Analogous

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



55.3993, 0.2541, 0.2331



55.3993, 0.3115, 0.2508



55.3993, 0.3752, 0.2849

Triad

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



55.3993, 0.3115, 0.2508



55.3993, 0.4142, 0.4201



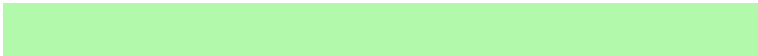
55.3993, 0.2127, 0.3128

Complementary

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



55.3993, 0.3115, 0.2508



80.1956, 0.3121, 0.4193

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.



55.3993, 0.2487, 0.3773



55.3993, 0.3115, 0.2508



55.3993, 0.3648, 0.4430

Square

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



55.3993, 0.3115, 0.2508



55.3993, 0.4372, 0.3775



55.3993, 0.3040, 0.4291



55.3993, 0.2018, 0.2624

Rectangle

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



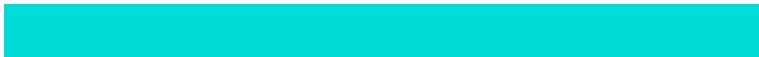
55.3993, 0.3115, 0.2508



55.3993, 0.4104, 0.3139



55.3993, 0.3040, 0.4291



55.3993, 0.2220, 0.3338

Sweetspot

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



55.4017, 0.3115, 0.2508



85.8829, 0.3126, 0.3068



47.6243, 0.2585, 0.2456



17.9283, 0.3125, 0.3031



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.



55.4017, 0.3115, 0.2508



52.4763, 0.3110, 0.2355



54.6556, 0.3426, 0.2823



17.4515, 0.3125, 0.3055



12.6550, 0.3013, 0.1434



1.1920, 0.3038, 0.1447

Inverse Universe

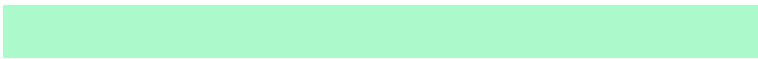
The Inverse Universe completely reimagines the original color for something new.



52.8655, 0.3776, 0.3227



49.4555, 0.3965, 0.3215



80.8844, 0.2912, 0.3811



17.2472, 0.3282, 0.3272



10.8142, 0.6318, 0.3254



1.0089, 0.6133, 0.3152

Previews

White Background



This preview shows how the Yxy color 55.3993, 0.3115, 0.2508 looks on a white background.

Color Contrast Check

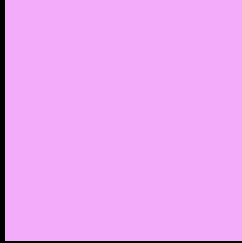
Large Text (above 18pt) WCAG AA × Fail

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 55.3993, 0.3115, 0.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

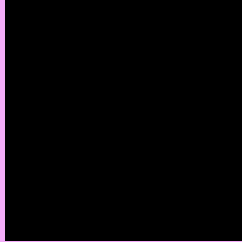
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3993, 0.3115, 0.2508

Background



This preview shows how black text looks on a background with the Yxy color 55.3993, 0.3115, 0.2508.

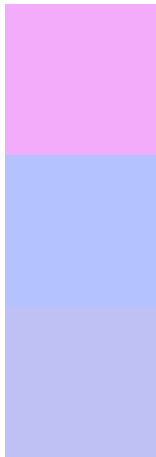


This preview shows how white text looks on a background with the Yxy color 55.3993, 0.3115, 0.2508.

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

55.3993, 0.3115, 0.2508

Protanopia

55.9535, 0.2625, 0.2605

Deuteranopia

55.8089, 0.2755, 0.2696



Tritanopia

55.2743, 0.3478, 0.3137

Trichromacy



Original Color

55.3993, 0.3115, 0.2508



Protanomaly

55.3290, 0.2785, 0.2563



Deuteranomaly

55.0534, 0.2881, 0.2619



Tritanomaly

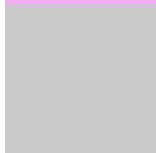
55.0978, 0.3349, 0.2893

Monochromacy



Original Color

55.3993, 0.3115, 0.2508



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.1278, 0.3126, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3993, 0.3115, 0.2508 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(243, 172, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 172, 249)  
}
```

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(243, 172, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 172, 249) }
```

Border

The CSS property to change the border of an element to Yxy 55.3993, 0.3115, 0.2508 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(243, 172, 249) }
```

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

```
.border{ border-color:rgb(243, 172, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 172, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 172, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 172, 249); box-shadow:4px 4px 4px 4px rgb(243, 172, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3993, 0.3115, 0.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 172, 249) }
```

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

```
.background{ background-color: rgb(243,  
172, 249) }
```

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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