

Converting Colors

Yxy(55.4599, 0.3145, 0.2589)

Have a look what the booklet for
Yxy(55.4599, 0.3145, 0.2589)
contains.

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Color

Yxy(55.2082, 0.3144, 0.2587)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0AEF2 |
| RGB | 240, 174, 242 |
| RGB Percent | 94%, 68%, 95% |
| CMY | 0.0588, 0.3176, 0.0511 |
| CMYK | 0.01, 0.28, 0.00, 0.05 |
| HSL | 298°, 72%, 82% |
| HSV | 298°, 28%, 95% |
| XYZ | 67.0949, 55.2082, 91.1031 |
| YIQ | 201.4860, 17.5080, 35.1400 |

Conversions

Conversions Part 2

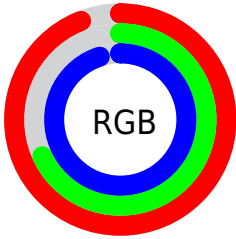
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 240, 174, 242 |
| Decimal | 15773426 |
| CIE Lab | 79.16, 35.02, -24.39 |
| CIE LCh | 79, 42.678, 325.146 |
| Yxy | 55.2082, 0.3144, 0.2587 |
| Android (android.graphics.Color) | 4293963506 (0xFFFF0AEF2) |
| YUV | 201.4860, 19.9734, 33.7768 |
| Hunter-Lab | 74.3022, 31.1567, -20.6849 |

Details

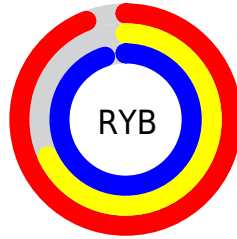
The Yxy color **55.2082, 0.3144, 0.2587** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75.7733, 0.3101, 0.4102**, and the grayscale version is **58.5927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **27.2872, 0.3135, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **46.5649, 0.3148, 0.2342**, and if you desaturate by 10%, it is **65.5409, 0.3139, 0.2840**.

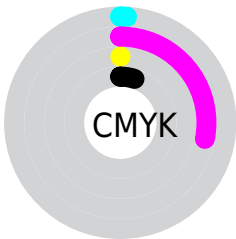
Distribution



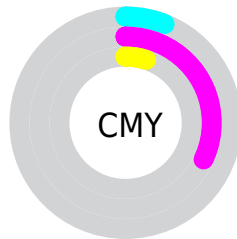
- Red (94%)
- Green (68%)
- Blue (95%)



- Red (94%)
- Yellow (68%)
- Blue (95%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (5%)




- Cyan (6%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2082, 0.3144, 0.2587 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 55.2082, 0.3144, 0.2587 by changing the saturation by 10% instead.


 55.2082, 0.3144,
0.2587

 55.2082, 0.3144,
0.2587


406.7007, 0.3144,
0.2908

 39.5684, 0.3142,
0.2515

 97.8459, 0.3145,
0.2697

 27.2022, 0.3139,
0.2427


125.6127, 0.3146,
0.2740

 17.7252, 0.3134,
0.2317


158.1906, 0.3145,
0.2778

 10.7528, 0.3124,
0.2176

195.9640, 0.3145,
0.2810

 5.9009, 0.3106,
0.1989

239.3173, 0.3145,
0.2839

 2.7849, 0.3070,
0.1731

288.6349, 0.3145,

 1.0205, 0.2993,

0.2864

0.1360

344.3012, 0.3144,
0.2887

0.0000, 0.3039,
0.0000

0.0000, 0.0000,
0.0000

55.2082, 0.3144,
0.2587

55.2082, 0.3144,
0.2587

46.5649, 0.3148,
0.2342

65.5409, 0.3139,
0.2840

39.5132, 0.3151,
0.2114


77.6393, 0.3133,
0.3092

33.9567, 0.3152,
0.1913


91.5840, 0.3126,
0.3336

29.7854, 0.3151,
0.1748

96.9503, 0.3126,
0.3418

 26.8743, 0.3148,
0.1625


 97.0754, 0.3131,
0.3418


 25.0759, 0.3143,
0.1546


 97.2009, 0.3135,
0.3418

 24.1863, 0.3137,
0.1506

 97.3270, 0.3139,
0.3417

 24.0630, 0.3136,
0.1501

 97.4535, 0.3144,
0.3417

 97.5805, 0.3148,
0.3417

Harmonies

Analogous

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



55.2082, 0.2617, 0.2418



55.2082, 0.3144, 0.2587



55.2082, 0.3714, 0.2907

Triad

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



55.2082, 0.3144, 0.2587



55.2082, 0.4035, 0.4135



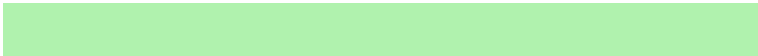
55.2082, 0.2209, 0.3127

Complementary

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



55.2082, 0.3144, 0.2587



75.7733, 0.3101, 0.4102

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.



55.2082, 0.2532, 0.3700



55.2082, 0.3144, 0.2587



55.2082, 0.3583, 0.4317

Square

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



55.2082, 0.3144, 0.2587



55.2082, 0.4249, 0.3759



55.2082, 0.3031, 0.4168



55.2082, 0.2117, 0.2676

Rectangle

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



55.2082, 0.3144, 0.2587



55.2082, 0.4023, 0.3176



55.2082, 0.3031, 0.4168



55.2082, 0.2292, 0.3313

Sweetspot

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



55.2106, 0.3144, 0.2587



87.5557, 0.3132, 0.3093



46.5678, 0.2637, 0.2503



18.2719, 0.3133, 0.3056



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.



55.2106, 0.3144, 0.2587



56.1220, 0.3147, 0.2438



53.8145, 0.3420, 0.2902



16.0067, 0.3133, 0.3057



12.9410, 0.3137, 0.1502



1.0839, 0.3147, 0.1507

Inverse Universe

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



52.2824, 0.3727, 0.3270



52.3095, 0.3910, 0.3266



76.9316, 0.2912, 0.3714



15.7663, 0.3289, 0.3284



10.1527, 0.6370, 0.3283



0.8472, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 55.2082, 0.3144, 0.2587 looks on a white background.

Color Contrast Check

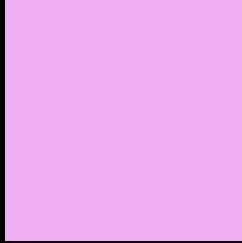
Large Text (above 18pt) WCAG AA × Fail

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 55.2082, 0.3144, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

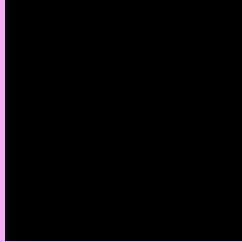
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2082, 0.3144, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 55.2082, 0.3144, 0.2587.



This preview shows how white text looks on a background with the Yxy color 55.2082, 0.3144, 0.2587.

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

55.2082, 0.3144, 0.2587

Protanopia

55.5069, 0.2624, 0.2593

Deuteranopia

55.4006, 0.2814, 0.2750



Tritanopia

55.3906, 0.3450, 0.3136

Trichromacy



Original Color

55.2082, 0.3144, 0.2587



Protanomaly

54.9993, 0.2797, 0.2591



Deuteranomaly

54.8381, 0.2929, 0.2680



Tritanomaly

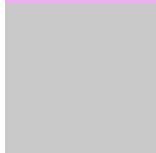
55.2795, 0.3338, 0.2932

Monochromacy



Original Color

55.2082, 0.3144, 0.2587



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.6665, 0.3132, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2082, 0.3144, 0.2587 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(240, 174, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 174, 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(240, 174, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 174, 242) }
```

Border

The CSS property to change the border of an element to Yxy 55.2082, 0.3144, 0.2587 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(240, 174, 242) }
```

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

```
.border{ border-color:rgb(240, 174, 242) }
```

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

Here you see how a box with a 4 pixel rgb(240, 174, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 174, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 174, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 174,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2082, 0.3144, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 174, 242) }
```

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

```
.background{ background-color: rgb(240,  
174, 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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