

Converting Colors

Yxy(55.6489, 0.3408, 0.2928)

Have a look what the booklet for
Yxy(55.6489, 0.3408, 0.2928)
contains.

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Color

Yxy(55.6489, 0.3408, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	F3B2D4
RGB	243, 178, 212
RGB Percent	95%, 70%, 83%
CMY	0.0470, 0.3020, 0.1685
CMYK	0.00, 0.27, 0.13, 0.05
HSL	329°, 73%, 83%
HSV	329°, 27%, 95%
XYZ	64.7717, 55.6489, 69.6371
YIQ	201.3110, 27.8260, 24.3540

Conversions

Conversions Part 2

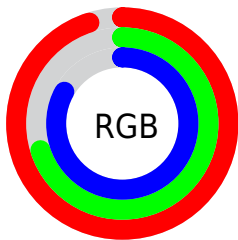
Format	Color
R_{YB}	243, 178, 212
Decimal	15971028
CIE _{Lab}	79.41, 28.73, -7.81
CIE _{LCh}	79, 29.776, 344.796
Yxy	55.6489, 0.3408, 0.2928
Android (android.graphics.Color)	4294161108 (0xFFFF3B2D4)
YUV	201.3110, 5.2697, 36.5613
Hunter-Lab	74.5982, 24.4401, -3.1283

Details

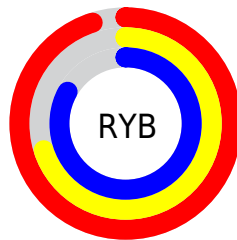
The Yxy color $55.6489, 0.3408, 0.2928$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.1734, 0.2918, 0.3684$, and the grayscale version is $58.5678, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $27.5407, 0.3484, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $46.2591, 0.3552, 0.2787$, and if you desaturate by 10%, it is $66.7985, 0.3287, 0.3068$.

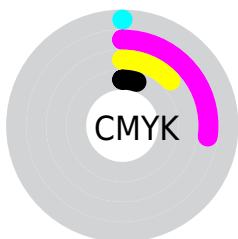
Distribution



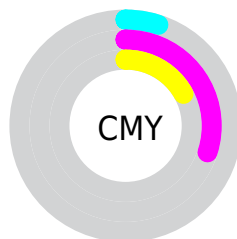
- Red (95%)
- Green (70%)
- Blue (83%)



- Red (95%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6489, 0.3408, 0.2928 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 55.6489, 0.3408, 0.2928 by changing the saturation by 10% instead.

 55.6489, 0.3408,
0.2928

 55.6489, 0.3408,
0.2928


408.3670, 0.3274,
0.3099

 39.9215, 0.3440,
0.2888


 98.4910, 0.3361,
0.2988

 27.4773, 0.3479,
0.2839


126.3746, 0.3343,
0.3011

 17.9320, 0.3530,
0.2776


159.0789, 0.3327,
0.3031

 10.9012, 0.3598,
0.2692

196.9885, 0.3314,
0.3048

 6.0004, 0.3693,
0.2576

240.4877, 0.3302,
0.3063

 2.8453, 0.3836,
0.2406

289.9609, 0.3292,

 1.0515, 0.4074,

0.3076

0.2131

345.7926, 0.3283,
0.3088

0.0000, 0.5738,
0.0000

0.0000, 0.0000,
0.0000

55.6489, 0.3408,
0.2928

55.6489, 0.3408,
0.2928

46.2591, 0.3552,
0.2787

66.7985, 0.3287,
0.3068

38.5302, 0.3721,
0.2653

79.7849, 0.3185,
0.3203

32.3652, 0.3914,
0.2534

94.6896, 0.3102,
0.3330

27.6536, 0.4129,
0.2442

97.7963, 0.3054,
0.3290

■ 24.2706, 0.4359,
0.2391

■ 22.0698, 0.4594,
0.2391

■ 20.8660, 0.4821,
0.2445

■ 20.5946, 0.4894,
0.2470

Harmonies

Analogous

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



55.6489, 0.3008, 0.2726



55.6489, 0.3408, 0.2928



55.6489, 0.3745, 0.3216

Triad

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



55.6489, 0.3408, 0.2928



55.6489, 0.3580, 0.3984



55.6489, 0.2406, 0.2965

Complementary

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



55.6489, 0.3408, 0.2928



78.1734, 0.2918, 0.3684

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.



55.6489, 0.2539, 0.3321



55.6489, 0.3408, 0.2928



55.6489, 0.3207, 0.3948

Square

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



55.6489, 0.3408, 0.2928



55.6489, 0.3842, 0.3820



55.6489, 0.2827, 0.3696



55.6489, 0.2450, 0.2731

Rectangle

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



55.6489, 0.3408, 0.2928



55.6489, 0.3877, 0.3430



55.6489, 0.2827, 0.3696



55.6489, 0.2431, 0.3074

Sweetspot

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



55.6514, 0.3408, 0.2928



87.0576, 0.3197, 0.3186



51.7702, 0.2886, 0.2567



18.1460, 0.3212, 0.3166



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.



55.6514, 0.3408, 0.2928



56.2650, 0.3482, 0.2853



54.1982, 0.3687, 0.3268



16.6275, 0.3211, 0.3167



11.3296, 0.4861, 0.2451



1.0165, 0.4597, 0.2306

Inverse Universe

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



55.6514, 0.3408, 0.2928



56.2650, 0.3482, 0.2853



79.9127, 0.2747, 0.3313



16.6275, 0.3211, 0.3167



11.3296, 0.4861, 0.2451



1.0165, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 55.6489, 0.3408, 0.2928 looks on a white background.

Color Contrast Check

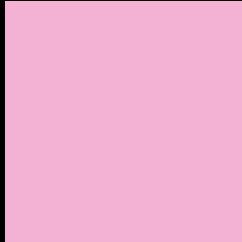
Large Text (above 18pt) WCAG AA × Fail

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 55.6489, 0.3408, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

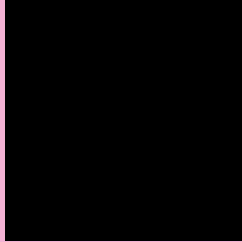
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6489, 0.3408, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 55.6489, 0.3408, 0.2928.



This preview shows how white text looks on a background with the Yxy color 55.6489, 0.3408, 0.2928.

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

55.6489, 0.3408, 0.2928

Protanopia

56.1450, 0.2914, 0.2972

Deuteranopia

55.7636, 0.3146, 0.3070



Tritanopia

55.6886, 0.3531, 0.3139

Trichromacy



Original Color

55.6489, 0.3408, 0.2928



Protanomaly

55.3585, 0.3079, 0.2947



Deuteranomaly

55.5089, 0.3239, 0.3009



Tritanomaly

55.7368, 0.3490, 0.3064

Monochromacy



Original Color

55.6489, 0.3408, 0.2928



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.1466, 0.3222, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6489, 0.3408, 0.2928 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, 178, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 178, 212)  
}
```

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, 178, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 178, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.6489, 0.3408, 0.2928 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, 178, 212) }
```

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

```
.border{ border-color:rgb(243, 178, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 178, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 178, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 178, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 178,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6489, 0.3408, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 178, 212) }
```

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

```
.background{ background-color: rgb(243,  
178, 212) }
```

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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