

Converting Colors

Yxy(64.1638, 0.3174, 0.2829)

Have a look what the booklet for
Yxy(64.1638, 0.3174, 0.2829)
contains.

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Color

Yxy(64.3762, 0.3172, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	F3C3F0
RGB	243, 195, 240
RGB Percent	95%, 76%, 94%
CMY	0.0470, 0.2353, 0.0588
CMYK	0.00, 0.20, 0.01, 0.05
HSL	304°, 67%, 86%
HSV	304°, 20%, 95%
XYZ	72.2070, 64.3762, 91.0554
YIQ	214.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

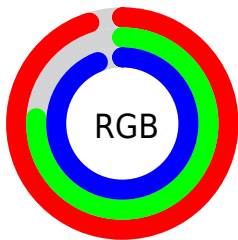
Format	Color
R _Y B	243, 195, 240
Decimal	15975408
CIE Lab	84.16, 24.50, -15.74
CIE LCh	84, 29.118, 327.288
Yxy	64.3762, 0.3172, 0.2828
Android (android.graphics.Color)	4294165488 (0xFFFF3C3F0)
YUV	214.4820, 12.5804, 25.0103
Hunter-Lab	80.2348, 20.2295, -11.1217

Details

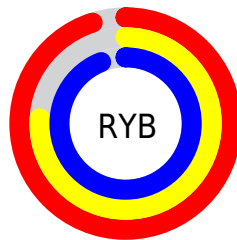
The Yxy color **64.3762, 0.3172, 0.2828** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.7870, 0.3084, 0.3800**, and the grayscale version is **67.4953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **32.9495, 0.3174, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **54.2706, 0.3198, 0.2591**, and if you desaturate by 10%, it is **76.2602, 0.3148, 0.3065**.

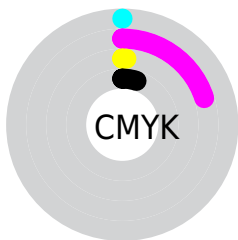
Distribution



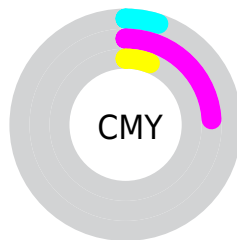
- Red (95%)
- Green (76%)
- Blue (94%)



- Red (95%)
- Yellow (76%)
- Blue (94%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3762, 0.3172, 0.2828 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 64.3762, 0.3172, 0.2828 by changing the saturation by 10% instead.

64.3762, 0.3172,
0.2828

64.3762, 0.3172,
0.2828

440.5469, 0.3154,
0.3038

46.9554, 0.3175,
0.2781

111.1525, 0.3166,
0.2900

33.0004, 0.3179,
0.2723

141.2769, 0.3164,
0.2928

22.1268, 0.3183,
0.2651

176.4046, 0.3162,
0.2953

13.9501, 0.3187,
0.2558

216.9201, 0.3160,
0.2974

8.0860, 0.3192,
0.2433

263.2076, 0.3159,
0.2993

4.1500, 0.3194,
0.2259


315.6517, 0.3157,

1.7578, 0.3190,

0.3010


0.1999


374.6366, 0.3156,
0.3025


 0.4607, 0.3220,
0.1411


 0.0000, 0.0000,
0.0000


 64.3762, 0.3172,
0.2828


 64.3762, 0.3172,
0.2828

 54.2706, 0.3198,
0.2591


 76.2602, 0.3148,
0.3065

 45.8494, 0.3225,
0.2363

 89.9940, 0.3127,
0.3296


 39.0227, 0.3253,
0.2152


 97.1427, 0.3113,
0.3392


 33.6889, 0.3281,
0.1968


 97.2360, 0.3104,
0.3377

 29.7347, 0.3308,
0.1821


 97.3300, 0.3095,
0.3362


 27.0306, 0.3333,
0.1717

 97.4249, 0.3087,
0.3347


 25.4226, 0.3355,
0.1656

 97.5205, 0.3078,
0.3332

 24.6597, 0.3375,
0.1634

 97.6168, 0.3069,
0.3317

 24.6447, 0.3376,
0.1633

 97.7140, 0.3061,
0.3302

Harmonies

Analogous

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



64.3762, 0.2817, 0.2705



64.3762, 0.3172, 0.2828



64.3762, 0.3534, 0.3057

Triad

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



64.3762, 0.3172, 0.2828



64.3762, 0.3711, 0.3867



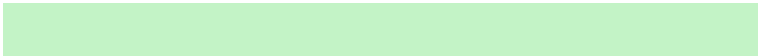
64.3762, 0.2506, 0.3174

Complementary

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



64.3762, 0.3172, 0.2828



79.7870, 0.3084, 0.3800

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.



64.3762, 0.2721, 0.3529



64.3762, 0.3172, 0.2828



64.3762, 0.3414, 0.3946

Square

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



64.3762, 0.3172, 0.2828



64.3762, 0.3853, 0.3641



64.3762, 0.3050, 0.3824



64.3762, 0.2449, 0.2881

Rectangle

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



64.3762, 0.3172, 0.2828



64.3762, 0.3722, 0.3247



64.3762, 0.3050, 0.3824



64.3762, 0.2561, 0.3290

Sweetspot

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



64.3790, 0.3172, 0.2828



90.5620, 0.3140, 0.3152



57.4280, 0.2814, 0.2747



19.1740, 0.3141, 0.3137



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.



64.3790, 0.3172, 0.2828



66.7298, 0.3183, 0.2726



63.0771, 0.3348, 0.3063



16.7493, 0.3148, 0.3071



13.5324, 0.3373, 0.1632



1.1947, 0.3350, 0.1619

Inverse Universe

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



64.3790, 0.3172, 0.2828



66.7298, 0.3183, 0.2726



80.9513, 0.2950, 0.3529



16.7493, 0.3148, 0.3071



13.5324, 0.3373, 0.1632



1.1947, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 64.3762, 0.3172, 0.2828 looks on a white background.

Color Contrast Check

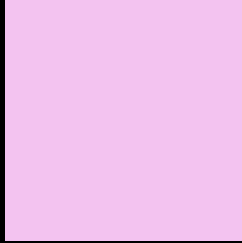
Large Text (above 18pt) WCAG AA × Fail

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 64.3762, 0.3172, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

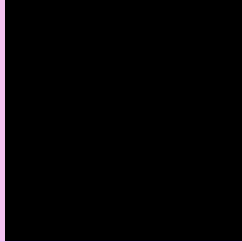
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3762, 0.3172, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 64.3762, 0.3172, 0.2828.



This preview shows how white text looks on a background with the Yxy color 64.3762, 0.3172, 0.2828.

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

64.3762, 0.3172, 0.2828

Protanopia

64.5079, 0.2817, 0.2839

Deuteranopia

64.5874, 0.2990, 0.2931



Tritanopia

64.1039, 0.3324, 0.3120

Trichromacy



Original Color

64.3762, 0.3172, 0.2828



Protanomaly

64.1174, 0.2937, 0.2827



Deuteranomaly

64.1740, 0.3049, 0.2885



Tritanomaly

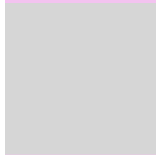
64.2953, 0.3265, 0.3017

Monochromacy



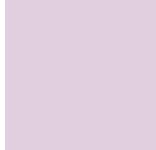
Original Color

64.3762, 0.3172, 0.2828



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.9609, 0.3150, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3762, 0.3172, 0.2828 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, 195, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 240)  
}
```

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, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 240) }
```

Border

The CSS property to change the border of an element to Yxy 64.3762, 0.3172, 0.2828 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, 195, 240) }
```

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

```
.border{ border-color:rgb(243, 195, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3762, 0.3172, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 240) }
```

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

```
.background{ background-color: rgb(243,  
195, 240) }
```

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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