

Converting Colors

Yxy(63.9930, 0.3171, 0.2760)

Have a look what the booklet for
Yxy(63.9930, 0.3171, 0.2760)
contains.

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Color

Yxy(64.0051, 0.3175, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	F7C0F4
RGB	247, 192, 244
RGB Percent	97%, 75%, 96%
CMY	0.0315, 0.2470, 0.0433
CMYK	0.00, 0.22, 0.01, 0.03
HSL	303°, 77%, 86%
HSV	303°, 22%, 97%
XYZ	73.5225, 64.0051, 94.0393
YIQ	214.3730, 16.0880, 27.8320

Conversions

Conversions Part 2

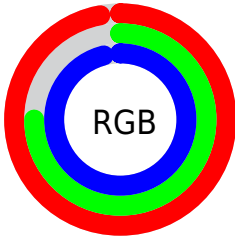
Format	Color
R _Y B	247, 192, 244
Decimal	16236788
CIE Lab	83.97, 28.09, -18.10
CIE LCh	84, 33.415, 327.193
Yxy	64.0051, 0.3175, 0.2764
Android (android.graphics.Color)	4294426868 (0xFFF7C0F4)
YUV	214.3730, 14.6061, 28.6139
Hunter-Lab	80.0032, 24.0350, -13.6899

Details

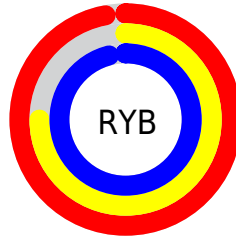
The Yxy color $64.0051, 0.3175, 0.2764$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.6506, 0.3081, 0.3879$, and the grayscale version is $67.4007, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $32.7549, 0.3178, 0.2642$ is the 20% darker color. If you saturate the color by 10%, you get $53.9740, 0.3199, 0.2527$, and if you desaturate by 10%, it is $75.8621, 0.3152, 0.3004$.

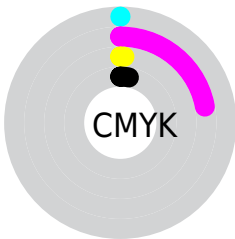
Distribution



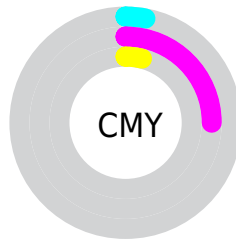
- Red (97%)
- Green (75%)
- Blue (96%)



- Red (97%)
- Yellow (75%)
- Blue (96%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0051, 0.3175, 0.2764 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 64.0051, 0.3175, 0.2764 by changing the saturation by 10% instead.

 64.0051, 0.3175,
0.2764

 64.0051, 0.3175,
0.2764


439.2081, 0.3157,
0.3002

 46.6548, 0.3178,
0.2711


 110.6183, 0.3170,
0.2845

 32.7628, 0.3182,
0.2646


140.6500, 0.3167,
0.2877

 21.9448, 0.3185,
0.2566


175.6775, 0.3165,
0.2905

 13.8164, 0.3189,
0.2462

216.0854, 0.3163,
0.2929

 7.9931, 0.3191,
0.2324

262.2581, 0.3161,
0.2951

 4.0905, 0.3190,
0.2133

314.5798, 0.3160,

 1.7243, 0.3178,

0.2970

0.1853

373.4350, 0.3158,
0.2987

0.4393, 0.3192,
0.1240

0.0000, 0.0864,
0.0000

64.0051, 0.3175,
0.2764

64.0051, 0.3175,
0.2764

53.9740, 0.3199,
0.2527

75.8621, 0.3152,
0.3004

45.6697, 0.3225,
0.2300

89.6209, 0.3132,
0.3239

38.9963, 0.3250,
0.2094

98.0655, 0.3118,
0.3358

33.8455, 0.3275,
0.1918

98.1495, 0.3110,
0.3345

30.0957, 0.3299,
0.1781

98.2340, 0.3102,
0.3331

27.6068, 0.3321,
0.1686

98.3192, 0.3094,
0.3318

26.2097, 0.3340,
0.1636

98.4050, 0.3087,
0.3305

25.6787, 0.3353,
0.1621

98.4913, 0.3079,
0.3292

98.5076, 0.3078,
0.3290

Harmonies

Analogous

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



64.0051, 0.2769, 0.2625



64.0051, 0.3175, 0.2764



64.0051, 0.3593, 0.3022

Triad

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



64.0051, 0.3175, 0.2764



64.0051, 0.3796, 0.3949



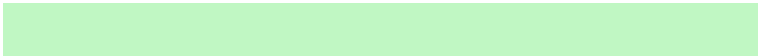
64.0051, 0.2418, 0.3153

Complementary

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



64.0051, 0.3175, 0.2764



81.6506, 0.3081, 0.3879

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.



64.0051, 0.2661, 0.3566



64.0051, 0.3175, 0.2764



64.0051, 0.3453, 0.4048

Square

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



64.0051, 0.3175, 0.2764



64.0051, 0.3962, 0.3685



64.0051, 0.3037, 0.3911



64.0051, 0.2355, 0.2818

Rectangle

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



64.0051, 0.3175, 0.2764



64.0051, 0.3812, 0.3236



64.0051, 0.3037, 0.3911



64.0051, 0.2481, 0.3288

Sweetspot

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



64.0079, 0.3175, 0.2764



89.0727, 0.3141, 0.3128



55.9957, 0.2769, 0.2669



18.8739, 0.3142, 0.3113



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.



64.0079, 0.3175, 0.2764



63.4214, 0.3186, 0.2649



62.4750, 0.3383, 0.3032



16.7518, 0.3146, 0.3069



13.5922, 0.3351, 0.1620



1.1993, 0.3331, 0.1609

Inverse Universe

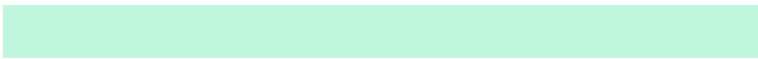
The Inverse Universe completely reimagines the original color for something new.



64.0079, 0.3175, 0.2764



63.4214, 0.3186, 0.2649



82.9963, 0.2929, 0.3563



16.7518, 0.3146, 0.3069



13.5922, 0.3351, 0.1620



1.1993, 0.3331, 0.1609

Previews

White Background



This preview shows how the Yxy color 64.0051, 0.3175, 0.2764 looks on a white background.

Color Contrast Check

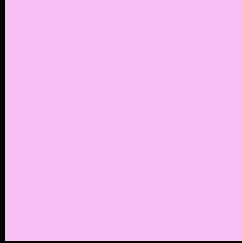
Large Text (above 18pt) WCAG AA × Fail

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 64.0051, 0.3175, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

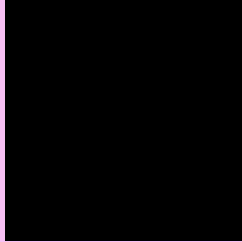
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0051, 0.3175, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 64.0051, 0.3175, 0.2764.



This preview shows how white text looks on a background with the Yxy color 64.0051, 0.3175, 0.2764.

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

64.0051, 0.3175, 0.2764

Protanopia

64.4739, 0.2762, 0.2775

Deuteranopia

64.0436, 0.2949, 0.2877



Tritanopia

64.2469, 0.3372, 0.3132

Trichromacy



Original Color

64.0051, 0.3175, 0.2764



Protanomaly

63.8050, 0.2898, 0.2766



Deuteranomaly

64.1105, 0.3029, 0.2835



Tritanomaly

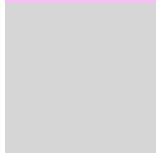
64.0948, 0.3298, 0.2998

Monochromacy



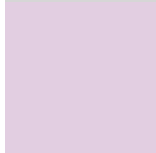
Original Color

64.0051, 0.3175, 0.2764



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.7476, 0.3144, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0051, 0.3175, 0.2764 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(247, 192, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 244)  
}
```

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(247, 192, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 244) }
```

Border

The CSS property to change the border of an element to Yxy 64.0051, 0.3175, 0.2764 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(247, 192, 244) }
```

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

```
.border{ border-color:rgb(247, 192, 244) }
```

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

Here you see how a box with a 4 pixel rgb(247, 192, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 192, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 192, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 192,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0051, 0.3175, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 244) }
```

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

```
.background{ background-color: rgb(247,  
192, 244) }
```

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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