

Converting Colors

$Y_{xy}(76.0759, 0.3211, 0.3060)$

Have a look what the booklet for
Yxy(76.0759, 0.3211, 0.3060)
contains.

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Color

Yxy(76.2410, 0.3210, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9F0
RGB	250, 217, 240
RGB Percent	98%, 85%, 94%
CMY	0.0194, 0.1491, 0.0588
CMYK	0.00, 0.13, 0.04, 0.02
HSL	318°, 77%, 92%
HSV	318°, 13%, 98%
XYZ	79.9783, 76.2410, 92.9343
YIQ	229.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

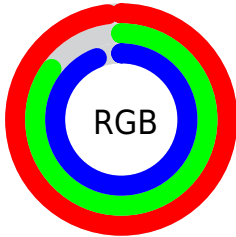
Format	Color
RYB	250, 217, 240
Decimal	16439792
CIELab	89.97, 15.27, -7.01
CIELCh	90, 16.801, 335.354
Yxy	76.2410, 0.3210, 0.3060
Android (android.graphics.Color)	4294629872 (0xFFFAD9F0)
YUV	229.4890, 5.1819, 17.9881
Hunter-Lab	87.3161, 10.6962, -1.9836

Details

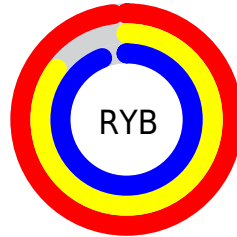
The Yxy color **76.2410, 0.3210, 0.3060** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7023, 0.3053, 0.3532**, and the grayscale version is **78.6934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6388, 0.3225, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **63.8739, 0.3286, 0.2878**, and if you desaturate by 10%, it is **90.5866, 0.3146, 0.3235**.

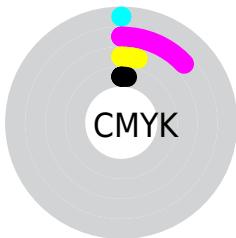
Distribution



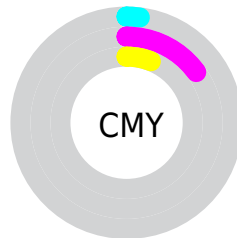
- Red (98%)
- Green (85%)
- Blue (94%)



- Red (98%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2410, 0.3210, 0.3060 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 76.2410, 0.3210, 0.3060 by changing the saturation by 10% instead.


 76.2410, 0.3210,
0.3060

 76.2410, 0.3210,
0.3060


482.1723, 0.3173,
0.3164

 56.6301, 0.3218,
0.3037

128.0675, 0.3197,
0.3095

 40.7084, 0.3228,
0.3009


161.0520, 0.3192,
0.3109

 28.0913, 0.3241,
0.2974


199.2631, 0.3188,
0.3121

 18.3945, 0.3256,
0.2929

243.0852, 0.3184,
0.3132

 11.2336, 0.3278,
0.2868

292.9028, 0.3181,
0.3141

 6.2242, 0.3307,
0.2784

349.1003, 0.3178,

 2.9819, 0.3350,

0.3150

0.2659

412.0620, 0.3175,
0.3157

■ 1.1223, 0.3420,
0.2452

■ 0.0000, 0.4319,
0.0000

■ 76.2410, 0.3210,
0.3060

■ 76.2410, 0.3210,
0.3060

■ 63.8739, 0.3286,
0.2878

■ 90.5866, 0.3146,
0.3235

■ 53.3874, 0.3374,
0.2695

■ 99.0737, 0.3097,
0.3290

■ 44.6906, 0.3474,
0.2518

■ 37.6805, 0.3586,
0.2355

■ 32.2441, 0.3708,
0.2218

■ 28.2542, 0.3838,
0.2117

■ 25.5636, 0.3969,
0.2062

■ 23.9937, 0.4098,
0.2057

■ 23.3896, 0.4183,
0.2078

Harmonies

Analogous

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



76.2410, 0.3009, 0.2972



76.2410, 0.3210, 0.3060



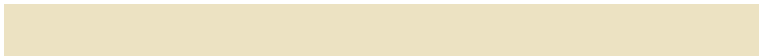
76.2410, 0.3394, 0.3205

Triad

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



76.2410, 0.3210, 0.3060



76.2410, 0.3412, 0.3627



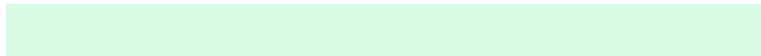
76.2410, 0.2763, 0.3185

Complementary

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



76.2410, 0.3210, 0.3060



88.7023, 0.3053, 0.3532

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.



76.2410, 0.2864, 0.3370



76.2410, 0.3210, 0.3060



76.2410, 0.3237, 0.3633

Square

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



76.2410, 0.3210, 0.3060



76.2410, 0.3512, 0.3530



76.2410, 0.3036, 0.3538



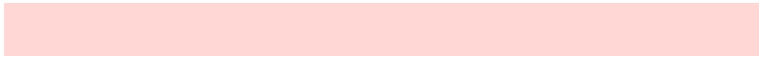
76.2410, 0.2756, 0.3037

Rectangle

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



76.2410, 0.3210, 0.3060



76.2410, 0.3479, 0.3318



76.2410, 0.3036, 0.3538



76.2410, 0.2787, 0.3245

Sweetspot

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



76.2443, 0.3210, 0.3060



93.4656, 0.3150, 0.3222



72.8409, 0.2982, 0.2946



19.7507, 0.3155, 0.3209



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

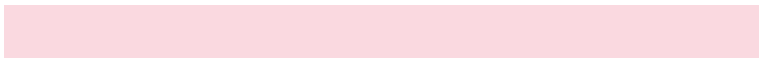
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2443, 0.3210, 0.3060



75.9008, 0.3230, 0.3010



75.3135, 0.3324, 0.3223



17.4294, 0.3185, 0.3126



12.4275, 0.4163, 0.2067



1.1698, 0.4021, 0.1989

Inverse Universe

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



76.2443, 0.3210, 0.3060



75.9008, 0.3230, 0.3010



89.6514, 0.2961, 0.3358



17.4294, 0.3185, 0.3126



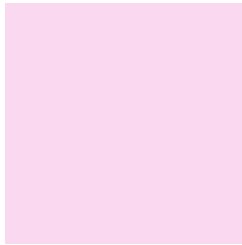
12.4275, 0.4163, 0.2067



1.1698, 0.4021, 0.1989

Previews

White Background



This preview shows how the Yxy color 76.2410, 0.3210, 0.3060 looks on a white background.

Color Contrast Check

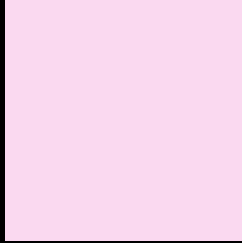
Large Text (above 18pt) WCAG AA × Fail

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 76.2410, 0.3210, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

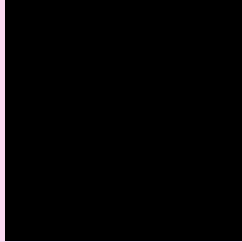
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2410, 0.3210, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 76.2410, 0.3210, 0.3060.

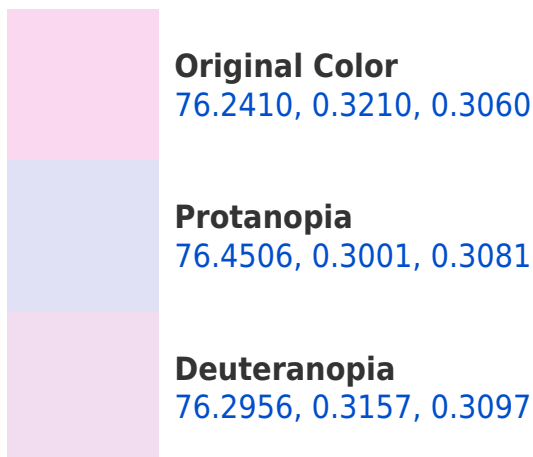


This preview shows how white text looks on a background with the Yxy color 76.2410, 0.3210, 0.3060.

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





Tritanopia

76.2807, 0.3236, 0.3119

Trichromacy



Original Color

76.2410, 0.3210, 0.3060

Protanomaly

76.2060, 0.3075, 0.3074

Deuteranomaly

76.3075, 0.3179, 0.3088

Tritanomaly

76.3970, 0.3222, 0.3099

Monochromacy



Original Color

76.2410, 0.3210, 0.3060

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7381, 0.3159, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2410, 0.3210, 0.3060 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(250, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 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(250, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 240) }
```

Border

The CSS property to change the border of an element to Yxy 76.2410, 0.3210, 0.3060 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(250, 217, 240) }
```

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

```
.border{ border-color:rgb(250, 217, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2410, 0.3210, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 240) }
```

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

```
.background{ background-color: rgb(250,  
217, 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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