

Converting Colors

$Y_{xy}(74.1543, 0.3210, 0.3130)$

Have a look what the booklet for
Yxy(74.1543, 0.3210, 0.3130)
contains.

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Color

Yxy(73.9926, 0.3214, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8E8
RGB	243, 216, 232
RGB Percent	95%, 85%, 91%
CMY	0.0472, 0.1529, 0.0901
CMYK	0.00, 0.11, 0.05, 0.05
HSL	324°, 53%, 90%
HSV	324°, 11%, 95%
XYZ	76.0756, 73.9926, 86.6324
YIQ	225.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

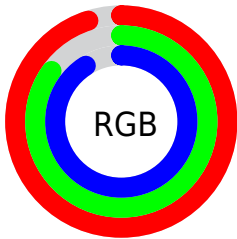
Format	Color
R _Y B	243, 216, 232
Decimal	15980776
CIE Lab	88.92, 12.00, -4.43
CIE LCh	89, 12.791, 339.730
Yxy	73.9926, 0.3214, 0.3126
Android (android.graphics.Color)	4294170856 (0xFFFF3D8E8)
YUV	225.8970, 3.0088, 14.9993
Hunter-Lab	86.0190, 7.3331, 0.5004

Details

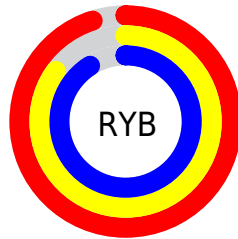
The Yxy color $73.9926, 0.3214, 0.3126$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.2229, 0.3049, 0.3460$, and the grayscale version is $75.9468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.1891, 0.3241, 0.3092$ is the 20% darker color. If you saturate the color by 10%, you get $61.9072, 0.3308, 0.2971$, and if you desaturate by 10%, it is $87.9565, 0.3135, 0.3274$.

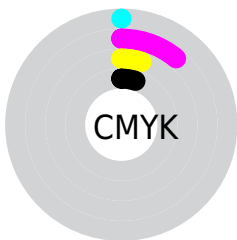
Distribution



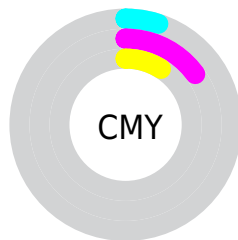
- Red (95%)
- Green (85%)
- Blue (91%)



- Red (95%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9926, 0.3214, 0.3126 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 73.9926, 0.3214, 0.3126 by changing the saturation by 10% instead.

 73.9926, 0.3214,
0.3126

 73.9926, 0.3214,
0.3126

474.4478, 0.3174,
0.3201

 54.7880, 0.3223,
0.3109

124.8853, 0.3200,
0.3152

 39.2320, 0.3234,
0.3089


157.3422, 0.3195,
0.3162

 26.9403, 0.3248,
0.3063


194.9853, 0.3190,
0.3170

 17.5284, 0.3265,
0.3029

238.1990, 0.3186,
0.3178

 10.6119, 0.3290,
0.2984

287.3677, 0.3183,
0.3185

 5.8065, 0.3324,
0.2920

342.8758, 0.3180,

 2.7278, 0.3376,

0.3191

0.2822

405.1077, 0.3177,
0.3196

0.9913, 0.3466,
0.2654

0.0000, 0.4995,
0.0000

73.9926, 0.3214,
0.3126

73.9926, 0.3214,
0.3126

61.9072, 0.3308,
0.2971

87.9565, 0.3135,
0.3274

51.6097, 0.3420,
0.2812

97.5801, 0.3072,
0.3321

43.0163, 0.3551,
0.2656

97.7877, 0.3053,
0.3290

36.0328, 0.3701,
0.2511

■ 30.5557, 0.3868,
0.2387

■ 26.4694, 0.4050,
0.2297

■ 23.6411, 0.4240,
0.2251

■ 21.9120, 0.4429,
0.2258

■ 21.0715, 0.4594,
0.2304

Harmonies

Analogous

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



73.9926, 0.3058, 0.3049



73.9926, 0.3214, 0.3126



73.9926, 0.3349, 0.3244

Triad

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



73.9926, 0.3214, 0.3126



73.9926, 0.3330, 0.3554



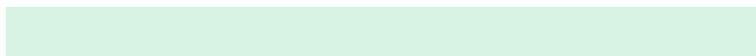
73.9926, 0.2840, 0.3192

Complementary

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



73.9926, 0.3214, 0.3126



84.2229, 0.3049, 0.3460

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.



73.9926, 0.2909, 0.3332



73.9926, 0.3214, 0.3126



73.9926, 0.3190, 0.3545

Square

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



73.9926, 0.3214, 0.3126



73.9926, 0.3416, 0.3491



73.9926, 0.3036, 0.3463



73.9926, 0.2846, 0.3084

Rectangle

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



73.9926, 0.3214, 0.3126



73.9926, 0.3407, 0.3333



73.9926, 0.3036, 0.3463



73.9926, 0.2855, 0.3237

Sweetspot

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



73.9958, 0.3214, 0.3126



95.0174, 0.3149, 0.3247



71.8868, 0.3026, 0.3007



20.0597, 0.3155, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

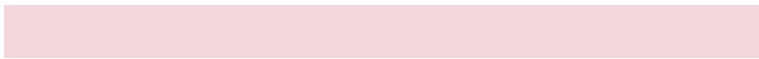
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9958, 0.3214, 0.3126



79.8063, 0.3231, 0.3096



73.2676, 0.3307, 0.3263



16.6478, 0.3200, 0.3150



11.5964, 0.4566, 0.2289



1.0396, 0.4349, 0.2169

Inverse Universe

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



73.9958, 0.3214, 0.3126



79.8063, 0.3231, 0.3096



84.9864, 0.2972, 0.3318



16.6478, 0.3200, 0.3150



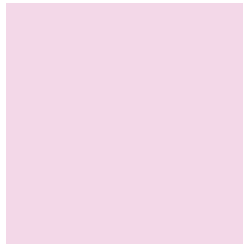
11.5964, 0.4566, 0.2289



1.0396, 0.4349, 0.2169

Previews

White Background



This preview shows how the Yxy color 73.9926, 0.3214, 0.3126 looks on a white background.

Color Contrast Check

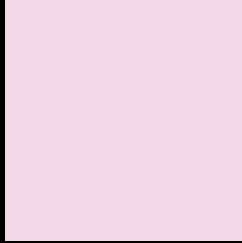
Large Text (above 18pt) WCAG AA × Fail

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 73.9926, 0.3214, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

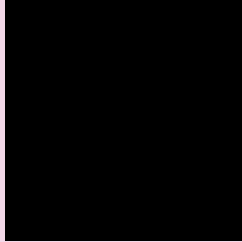
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9926, 0.3214, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 73.9926, 0.3214, 0.3126.

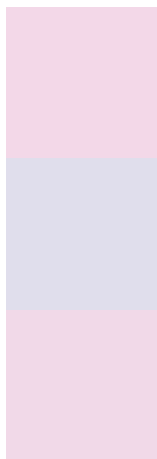


This preview shows how white text looks on a background with the Yxy color 73.9926, 0.3214, 0.3126.

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

73.9926, 0.3214, 0.3126

Protanopia

74.1460, 0.3051, 0.3141

Deuteranopia

74.1527, 0.3199, 0.3136



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

73.9926, 0.3214, 0.3126

Protanomaly

74.1735, 0.3106, 0.3133

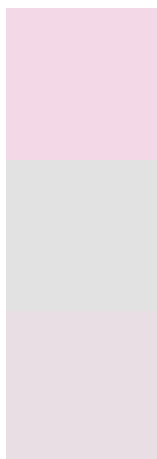
Deuteranomaly

74.3291, 0.3206, 0.3136

Tritanomaly

74.0496, 0.3208, 0.3116

Monochromacy



Original Color

73.9926, 0.3214, 0.3126

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9998, 0.3158, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9926, 0.3214, 0.3126 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, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 232)  
}
```

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, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.9926, 0.3214, 0.3126 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, 216, 232) }
```

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

```
.border{ border-color:rgb(243, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9926, 0.3214, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 232) }
```

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

```
.background{ background-color: rgb(243,  
216, 232) }
```

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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