

Converting Colors

$Y_{xy}(76.7310, 0.3322, 0.3231)$

Have a look what the booklet for
Yxy(76.7310, 0.3322, 0.3231)
contains.

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Color

Yxy(76.6085, 0.3318, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FBDDE1
RGB	251, 219, 225
RGB Percent	98%, 86%, 88%
CMY	0.0158, 0.1411, 0.1176
CMYK	0.00, 0.13, 0.10, 0.02
HSL	349°, 80%, 92%
HSV	349°, 13%, 98%
XYZ	78.6957, 76.6085, 81.8739
YIQ	229.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

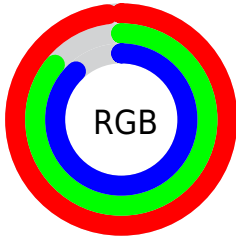
Format	Color
R _Y B	251, 219, 225
Decimal	16505825
CIE Lab	90.14, 12.00, 1.13
CIE LCh	90, 12.054, 5.394
Yxy	76.6085, 0.3318, 0.3230
Android (android.graphics.Color)	4294695905 (0xFFFBDBE1)
YUV	229.2520, -2.0962, 19.0730
Hunter-Lab	87.5263, 7.3200, 5.8073

Details

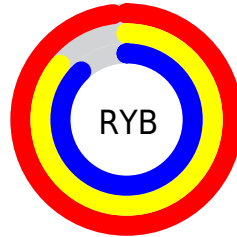
The Yxy color **76.6085, 0.3318, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6257, 0.2965, 0.3351**, and the grayscale version is **78.5556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9225, 0.3359, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **63.4405, 0.3509, 0.3180**, and if you desaturate by 10%, it is **91.8903, 0.3164, 0.3278**.

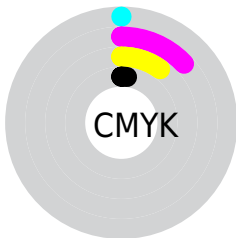
Distribution



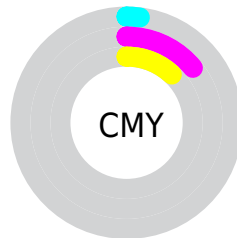
- Red (98%)
- Green (86%)
- Blue (88%)



- Red (98%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6085, 0.3318, 0.3230 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 76.6085, 0.3318, 0.3230 by changing the saturation by 10% instead.


 76.6085, 0.3318,
0.3230

 76.6085, 0.3318,
0.3230


483.4282, 0.3230,
0.3258

 56.9316, 0.3338,
0.3224


128.5867, 0.3288,
0.3240

 40.9503, 0.3362,
0.3216


161.6568, 0.3276,
0.3243

 28.2803, 0.3394,
0.3206


199.9601, 0.3266,
0.3247

 18.5370, 0.3434,
0.3193

243.8809, 0.3257,
0.3250

 11.3362, 0.3489,
0.3175

293.8038, 0.3249,
0.3252

 6.2935, 0.3568,
0.3149

350.1130, 0.3242,

 3.0243, 0.3690,

0.3254

0.3108

413.1930, 0.3236,
0.3256

■ 1.1445, 0.3906,
0.3034

■ 0.0156, 0.9517,
0.0483

■ 76.6085, 0.3318,
0.3230

■ 76.6085, 0.3318,
0.3230

■ 63.4405, 0.3509,
0.3180

■ 91.8903, 0.3164,
0.3278

■ 52.2834, 0.3745,
0.3128

■ 99.2424, 0.3102,
0.3290

■ 43.0410, 0.4033,
0.3079

■ 35.6050, 0.4377,
0.3037

■ 29.8564, 0.4770,
0.3010

■ 25.6620, 0.5192,
0.3008

■ 22.8680, 0.5604,
0.3038

■ 21.2891, 0.5953,
0.3102

■ 20.7076, 0.6145,
0.3159

Harmonies

Analogous

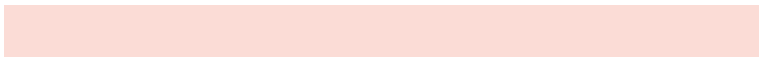
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6085, 0.3188, 0.3124



76.6085, 0.3318, 0.3230



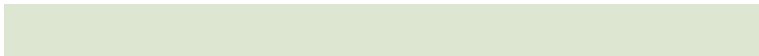
76.6085, 0.3397, 0.3354

Triad

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



76.6085, 0.3318, 0.3230



76.6085, 0.3207, 0.3533



76.6085, 0.2859, 0.3110

Complementary

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



76.6085, 0.3318, 0.3230



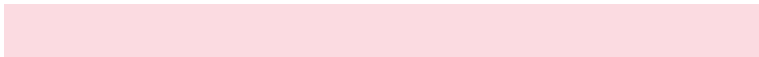
90.6257, 0.2965, 0.3351

Split Complementary

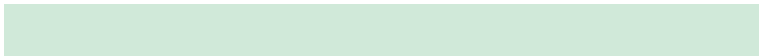
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6085, 0.2865, 0.3217



76.6085, 0.3318, 0.3230



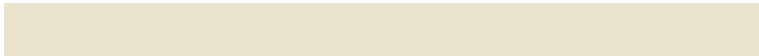
76.6085, 0.3063, 0.3466

Square

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



76.6085, 0.3318, 0.3230



76.6085, 0.3332, 0.3531



76.6085, 0.2938, 0.3348



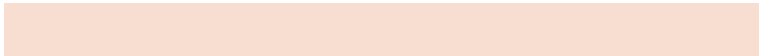
76.6085, 0.2924, 0.3053

Rectangle

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



76.6085, 0.3318, 0.3230



76.6085, 0.3409, 0.3431



76.6085, 0.2938, 0.3348



76.6085, 0.2853, 0.3141

Sweetspot

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



76.6119, 0.3318, 0.3230



93.1414, 0.3182, 0.3272



76.9719, 0.3097, 0.2971



19.6687, 0.3192, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

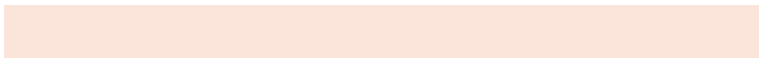
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6119, 0.3318, 0.3230



76.1341, 0.3358, 0.3219



81.4367, 0.3347, 0.3387



17.2783, 0.3264, 0.3246



10.9039, 0.6111, 0.3140



1.0237, 0.5803, 0.2970

Inverse Universe

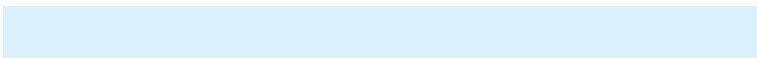
The Inverse Universe completely reimagines the original color for something new.



76.6119, 0.3318, 0.3230



76.1341, 0.3358, 0.3219



85.1615, 0.2930, 0.3191



17.2783, 0.3264, 0.3246



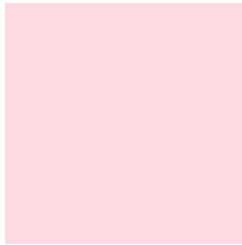
10.9039, 0.6111, 0.3140



1.0237, 0.5803, 0.2970

Previews

White Background



This preview shows how the Yxy color 76.6085, 0.3318, 0.3230 looks on a white background.

Color Contrast Check

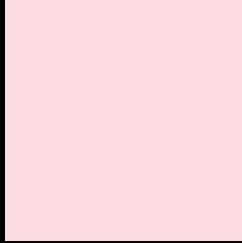
Large Text (above 18pt) WCAG AA × Fail

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 76.6085, 0.3318, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

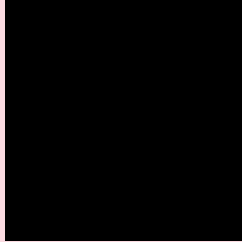
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.6085, 0.3318, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 76.6085, 0.3318, 0.3230.

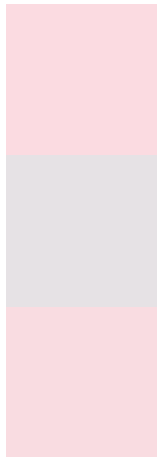


This preview shows how white text looks on a background with the Yxy color 76.6085, 0.3318, 0.3230.

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

76.6085, 0.3318, 0.3230

Protanopia

76.8728, 0.3136, 0.3259

Deuteranopia

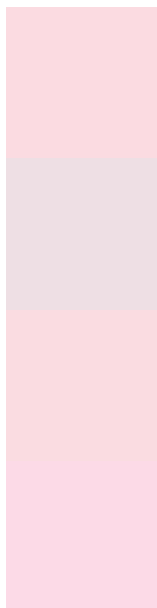
76.7624, 0.3303, 0.3240



Tritanopia

76.8364, 0.3257, 0.3120

Trichromacy



Original Color

76.6085, 0.3318, 0.3230

Protanomaly

76.5539, 0.3200, 0.3238

Deuteranomaly

76.9466, 0.3310, 0.3240

Tritanomaly

76.6078, 0.3285, 0.3160

Monochromacy



Original Color

76.6085, 0.3318, 0.3230

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4564, 0.3192, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6085, 0.3318, 0.3230 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(251, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 225)  
}
```

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(251, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.6085, 0.3318, 0.3230 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(251, 219, 225) }
```

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

```
.border{ border-color:rgb(251, 219, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6085, 0.3318, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 225) }
```

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

```
.background{ background-color: rgb(251,  
219, 225) }
```

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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