

Converting Colors

$Y_{xy}(72.7603, 0.3259, 0.3118)$

Have a look what the booklet for
Yxy(72.7603, 0.3259, 0.3118)
contains.

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Color

Yxy(72.8945, 0.3253, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5E6
RGB	246, 213, 230
RGB Percent	96%, 84%, 90%
CMY	0.0351, 0.1648, 0.0979
CMYK	0.00, 0.13, 0.07, 0.04
HSL	329°, 65%, 90%
HSV	329°, 13%, 96%
XYZ	76.0994, 72.8945, 84.9422
YIQ	224.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

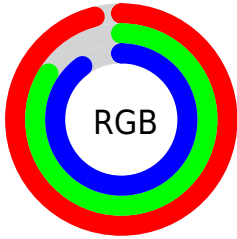
Format	Color
R _Y B	246, 213, 230
Decimal	16176614
CIE Lab	88.40, 14.30, -4.12
CIE LCh	88, 14.877, 343.932
Yxy	72.8945, 0.3253, 0.3116
Android (android.graphics.Color)	4294366694 (0xFFFF6D5E6)
YUV	224.8050, 2.5611, 18.5880
Hunter-Lab	85.3783, 9.6888, 0.7776

Details

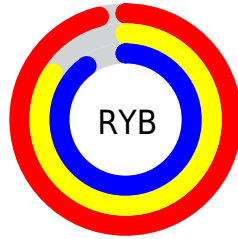
The Yxy color $72.8945, 0.3253, 0.3116$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.7444, 0.3018, 0.3471$, and the grayscale version is $75.1277, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4960, 0.3283, 0.3067$ is the 20% darker color. If you saturate the color by 10%, you get $60.7985, 0.3369, 0.2979$, and if you desaturate by 10%, it is $86.9205, 0.3156, 0.3247$.

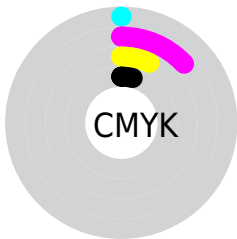
Distribution



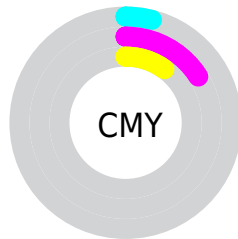
- Red (96%)
- Green (84%)
- Blue (90%)



- Red (96%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8945, 0.3253, 0.3116 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 72.8945, 0.3253, 0.3116 by changing the saturation by 10% instead.


 72.8945, 0.3253,
0.3116

 72.8945, 0.3253,
0.3116


470.6491, 0.3195,
0.3195

 53.8897, 0.3266,
0.3098


123.3274, 0.3233,
0.3143

 38.5135, 0.3282,
0.3076


155.5243, 0.3225,
0.3154

 26.3815, 0.3302,
0.3048


192.8874, 0.3219,
0.3163

 17.1092, 0.3329,
0.3012

235.8011, 0.3213,
0.3171

 10.3124, 0.3365,
0.2964

284.6497, 0.3208,
0.3178

 5.6066, 0.3416,
0.2895

339.8176, 0.3203,

 2.6074, 0.3495,

0.3185

0.2790

401.6893, 0.3199,
0.3190

0.9304, 0.3634,
0.2608

0.0000, 0.6557,
0.0000

72.8945, 0.3253,
0.3116

72.8945, 0.3253,
0.3116

60.7985, 0.3369,
0.2979

86.9205, 0.3156,
0.3247

50.5375, 0.3508,
0.2840

98.2699, 0.3079,
0.3301

42.0232, 0.3672,
0.2705

98.3422, 0.3072,
0.3290

35.1558, 0.3861,
0.2581

■ 29.8256, 0.4074,
0.2481

■ 25.9091, 0.4305,
0.2417

■ 23.2638, 0.4545,
0.2401

■ 21.7164, 0.4781,
0.2440

■ 21.1299, 0.4931,
0.2490

Harmonies

Analogous

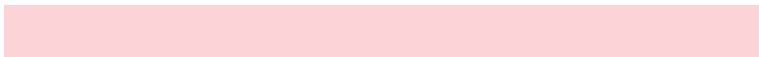
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8945, 0.3071, 0.3019



72.8945, 0.3253, 0.3116



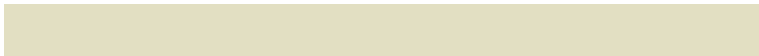
72.8945, 0.3404, 0.3257

Triad

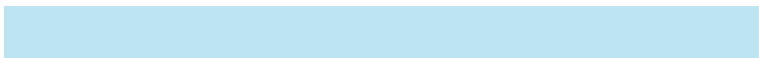
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8945, 0.3253, 0.3116



72.8945, 0.3344, 0.3603



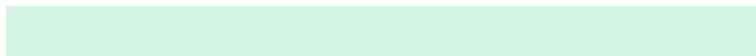
72.8945, 0.2788, 0.3153

Complementary

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



72.8945, 0.3253, 0.3116



85.7444, 0.3018, 0.3471

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.



72.8945, 0.2857, 0.3315



72.8945, 0.3253, 0.3116



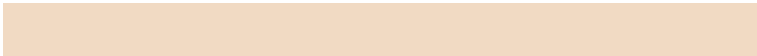
72.8945, 0.3175, 0.3581

Square

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



72.8945, 0.3253, 0.3116



72.8945, 0.3456, 0.3538



72.8945, 0.2997, 0.3474



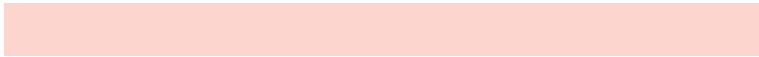
72.8945, 0.2807, 0.3036

Rectangle

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



72.8945, 0.3253, 0.3116



72.8945, 0.3464, 0.3360



72.8945, 0.2997, 0.3474



72.8945, 0.2802, 0.3204

Sweetspot

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



72.8977, 0.3253, 0.3116



93.3496, 0.3161, 0.3240



70.8903, 0.3022, 0.2945



19.7213, 0.3168, 0.3230



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

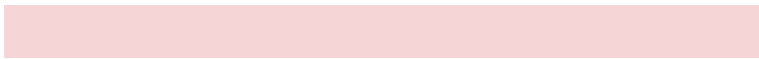
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8977, 0.3253, 0.3116



75.4659, 0.3281, 0.3081



72.0143, 0.3371, 0.3285



16.6252, 0.3213, 0.3169



11.3015, 0.4895, 0.2470



1.0141, 0.4626, 0.2322

Inverse Universe

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



72.8977, 0.3253, 0.3116



75.4659, 0.3281, 0.3081



86.7100, 0.2925, 0.3295



16.6252, 0.3213, 0.3169



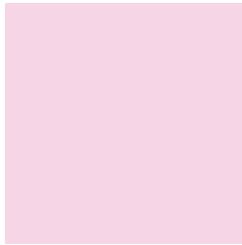
11.3015, 0.4895, 0.2470



1.0141, 0.4626, 0.2322

Previews

White Background



This preview shows how the Yxy color 72.8945, 0.3253, 0.3116 looks on a white background.

Color Contrast Check

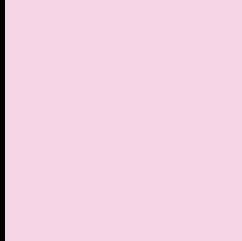
Large Text (above 18pt) WCAG AA × Fail

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 72.8945, 0.3253, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

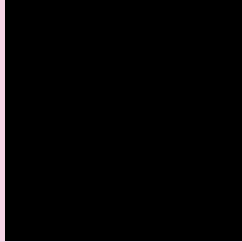
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8945, 0.3253, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 72.8945, 0.3253, 0.3116.



This preview shows how white text looks on a background with the Yxy color 72.8945, 0.3253, 0.3116.

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

72.8945, 0.3253, 0.3116

Protanopia

73.2407, 0.3043, 0.3141

Deuteranopia

72.8393, 0.3207, 0.3135



Tritanopia

72.8945, 0.3253, 0.3116

Trichromacy



Original Color

72.8945, 0.3253, 0.3116

Protanomaly

73.0149, 0.3120, 0.3132

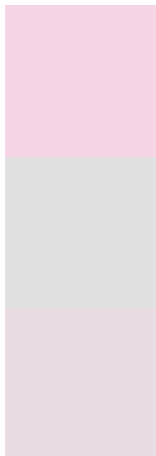
Deuteranomaly

72.6836, 0.3223, 0.3125

Tritanomaly

72.8945, 0.3253, 0.3116

Monochromacy



Original Color

72.8945, 0.3253, 0.3116

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5826, 0.3173, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8945, 0.3253, 0.3116 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(246, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 230)  
}
```

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(246, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 230) }
```

Border

The CSS property to change the border of an element to Yxy 72.8945, 0.3253, 0.3116 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(246, 213, 230) }
```

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

```
.border{ border-color:rgb(246, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8945, 0.3253, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 230) }
```

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

```
.background{ background-color: rgb(246,  
213, 230) }
```

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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