

Converting Colors

$Y_{xy}(72.7165, 0.3378, 0.3332)$

Have a look what the booklet for
Yxy(72.7165, 0.3378, 0.3332)
contains.

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Color

Yxy(72.7165, 0.3378, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7D3
RGB	245, 215, 211
RGB Percent	96%, 84%, 83%
CMY	0.0392, 0.1569, 0.1724
CMYK	0.00, 0.12, 0.14, 0.04
HSL	7°, 63%, 89%
HSV	7°, 14%, 96%
XYZ	73.7204, 72.7165, 71.7999
YIQ	223.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

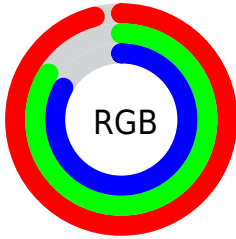
Format	Color
R _Y B	245, 216, 211
Decimal	16111571
CIE Lab	88.31, 9.77, 5.77
CIE LCh	88, 11.348, 30.548
Yxy	72.7165, 0.3378, 0.3332
Android (android.graphics.Color)	4294301651 (0xFFFF5D7D3)
YUV	223.5140, -6.1694, 18.8432
Hunter-Lab	85.2740, 5.0860, 9.7701

Details

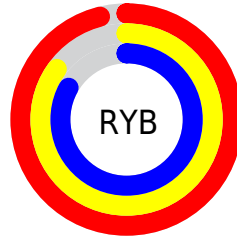
The Yxy color **72.7165, 0.3378, 0.3332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.3852, 0.2914, 0.3248**, and the grayscale version is **74.2151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2673, 0.3430, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **61.2803, 0.3609, 0.3365**, and if you desaturate by 10%, it is **85.8044, 0.3190, 0.3301**.

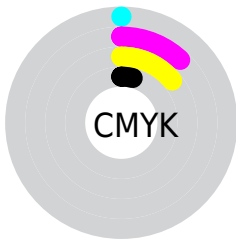
Distribution



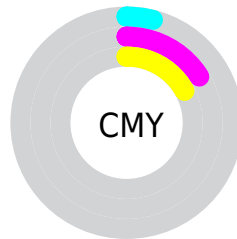
- Red (96%)
- Green (84%)
- Blue (83%)



- Red (96%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7165, 0.3378, 0.3332 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 72.7165, 0.3378, 0.3332 by changing the saturation by 10% instead.

 72.7165, 0.3378,
0.3332

 72.7165, 0.3378,
0.3332


470.0317, 0.3261,
0.3314

 53.7442, 0.3405,
0.3336


123.0747, 0.3337,
0.3326

 38.3972, 0.3438,
0.3341


155.2293, 0.3322,
0.3323

 26.2911, 0.3481,
0.3346


192.5468, 0.3308,
0.3321

 17.0415, 0.3536,
0.3353

235.4116, 0.3296,
0.3319

 10.2641, 0.3613,
0.3362

284.2081, 0.3286,
0.3318

 5.5744, 0.3724,
0.3373

339.3207, 0.3277,

 2.5881, 0.3901,

0.3316

401.1337, 0.3269,
0.3315

0.3388

0.9207, 0.4294,
0.3457

0.0000, 1.0000,
0.0000

72.7165, 0.3378,
0.3332

72.7165, 0.3378,
0.3332

61.2803, 0.3609,
0.3365

85.8044, 0.3190,
0.3301

51.4208, 0.3891,
0.3398

98.1544, 0.3066,
0.3290

43.0718, 0.4231,
0.3430

36.1583, 0.4627,
0.3456

■ 30.5991, 0.5067,
0.3470

■ 26.3050, 0.5515,
0.3467

■ 23.1756, 0.5915,
0.3441

■ 21.0952, 0.6205,
0.3394

■ 20.2732, 0.6320,
0.3364

Harmonies

Analogous

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



72.7165, 0.3292, 0.3214



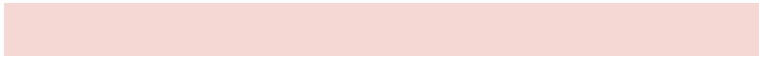
72.7165, 0.3378, 0.3332



72.7165, 0.3395, 0.3442

Triad

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



72.7165, 0.3378, 0.3332



72.7165, 0.3088, 0.3473



72.7165, 0.2918, 0.3068

Complementary

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



72.7165, 0.3378, 0.3332



83.3852, 0.2914, 0.3248

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.



72.7165, 0.2866, 0.3131



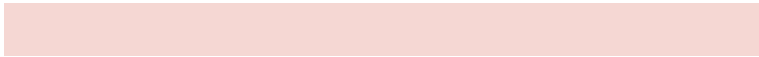
72.7165, 0.3378, 0.3332



72.7165, 0.2963, 0.3366

Square

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



72.7165, 0.3378, 0.3332



72.7165, 0.3225, 0.3527



72.7165, 0.2883, 0.3240



72.7165, 0.3026, 0.3064

Rectangle

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



72.7165, 0.3378, 0.3332



72.7165, 0.3365, 0.3496



72.7165, 0.2883, 0.3240



72.7165, 0.2894, 0.3083

Sweetspot

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



72.7197, 0.3378, 0.3332



93.7459, 0.3192, 0.3302



72.3738, 0.3170, 0.2986



19.8209, 0.3205, 0.3304



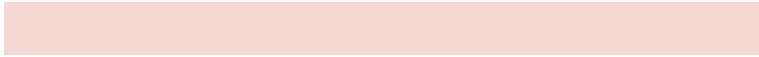
0.0000, 0.0000, 0.0000



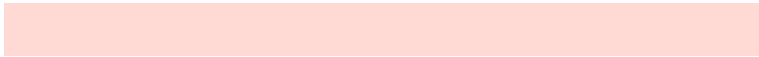
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7197, 0.3378, 0.3332



75.4713, 0.3446, 0.3342



81.8250, 0.3353, 0.3505



16.7938, 0.3291, 0.3318



11.0211, 0.6303, 0.3377



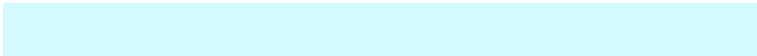
1.0677, 0.6123, 0.3520

Inverse Universe

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



83.3852, 0.2914, 0.3248



89.5000, 0.2867, 0.3237



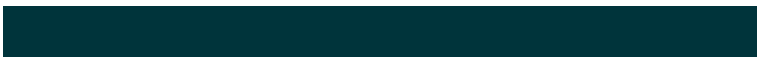
73.7901, 0.2909, 0.3065



18.4082, 0.2981, 0.3262



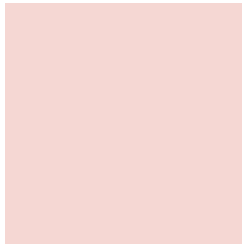
30.2562, 0.2144, 0.2918



2.7509, 0.2158, 0.2969

Previews

White Background



This preview shows how the Yxy color 72.7165, 0.3378, 0.3332 looks on a white background.

Color Contrast Check

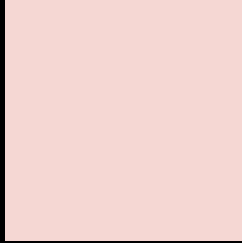
Large Text (above 18pt) WCAG AA × Fail

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 72.7165, 0.3378, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

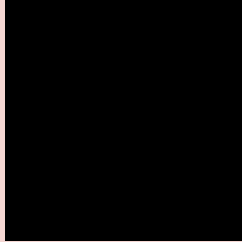
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

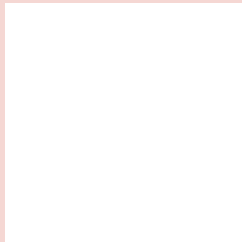
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7165, 0.3378, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 72.7165, 0.3378, 0.3332.

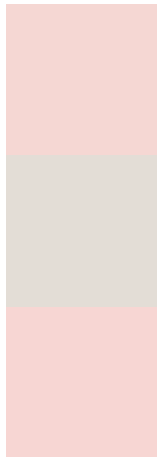


This preview shows how white text looks on a background with the Yxy color 72.7165, 0.3378, 0.3332.

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

72.7165, 0.3378, 0.3332

Protanopia

72.8988, 0.3217, 0.3366

Deuteranopia

72.5704, 0.3395, 0.3322



Tritanopia

72.5183, 0.3268, 0.3117

Trichromacy



Original Color

72.7165, 0.3378, 0.3332

Protanomaly

72.9596, 0.3277, 0.3354

Deuteranomaly

72.3891, 0.3387, 0.3322

Tritanomaly

72.4553, 0.3309, 0.3198

Monochromacy



Original Color

72.7165, 0.3378, 0.3332

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9832, 0.3219, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7165, 0.3378, 0.3332 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(245, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 211)  
}
```

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(245, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.7165, 0.3378, 0.3332 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(245, 215, 211) }
```

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

```
.border{ border-color:rgb(245, 215, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7165, 0.3378, 0.3332$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 211) }
```

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

```
.background{ background-color: rgb(245,  
215, 211) }
```

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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