

Converting Colors

$Y_{xy}(72.3218, 0.3355, 0.3309)$

Have a look what the booklet for
Yxy(72.3218, 0.3355, 0.3309)
contains.

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Color

Yxy(72.6381, 0.3356, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7D5
RGB	244, 215, 213
RGB Percent	96%, 84%, 84%
CMY	0.0433, 0.1568, 0.1648
CMYK	0.00, 0.12, 0.13, 0.04
HSL	4°, 58%, 90%
HSV	4°, 13%, 96%
XYZ	73.6031, 72.6381, 73.0767
YIQ	223.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

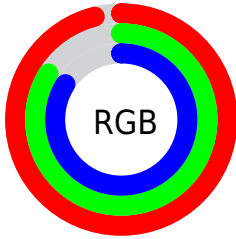
Format	Color
R_{YB}	244, 215, 213
Decimal	16046037
CIE Lab	88.27, 9.69, 4.68
CIE LCh	88, 10.761, 25.765
Yxy	72.6381, 0.3356, 0.3312
Android (android.graphics.Color)	4294236117 (0xFFFF4D7D5)
YUV	223.4430, -5.1484, 18.0285
Hunter-Lab	85.2280, 5.0041, 8.8228

Details

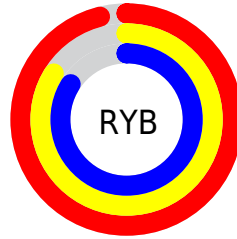
The Yxy color **72.6381, 0.3356, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.1165, 0.2932, 0.3268**, and the grayscale version is **74.1486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3016, 0.3420, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **60.6869, 0.3586, 0.3331**, and if you desaturate by 10%, it is **86.3976, 0.3171, 0.3294**.

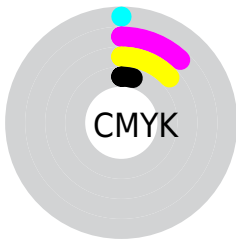
Distribution



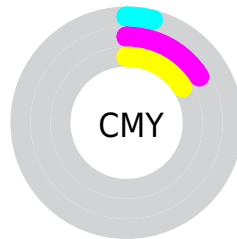
- Red (96%)
- Green (84%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6381, 0.3356, 0.3312 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 72.6381, 0.3356, 0.3312 by changing the saturation by 10% instead.


 72.6381, 0.3356,
0.3312

 72.6381, 0.3356,
0.3312


469.7596, 0.3250,
0.3303

 53.6801, 0.3381,
0.3314


122.9633, 0.3319,
0.3309

 38.3460, 0.3411,
0.3316


155.0993, 0.3305,
0.3308

 26.2513, 0.3450,
0.3319


192.3967, 0.3292,
0.3307

 17.0117, 0.3500,
0.3322

235.2400, 0.3281,
0.3306

 10.2429, 0.3570,
0.3325

284.0136, 0.3272,
0.3305

 5.5603, 0.3672,
0.3330

339.1017, 0.3264,

 2.5796, 0.3833,

0.3304

400.8889, 0.3256,
0.3303

0.3333

0.9164, 0.4172,
0.3365

0.0000, 1.0000,
0.0000

72.6381, 0.3356,
0.3312

72.6381, 0.3356,
0.3312

60.6869, 0.3586,
0.3331

86.3976, 0.3171,
0.3294

50.4597, 0.3869,
0.3350

97.9639, 0.3059,
0.3290

41.8799, 0.4214,
0.3369

34.8612, 0.4621,
0.3384

■ 29.3097, 0.5075,
0.3392

■ 25.1213, 0.5539,
0.3390

■ 22.1780, 0.5951,
0.3375

■ 20.3422, 0.6243,
0.3347

■ 19.5984, 0.6365,
0.3328

Harmonies

Analogous

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



72.6381, 0.3266, 0.3202



72.6381, 0.3356, 0.3312



72.6381, 0.3383, 0.3419

Triad

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



72.6381, 0.3356, 0.3312



72.6381, 0.3111, 0.3475



72.6381, 0.2917, 0.3085

Complementary

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



72.6381, 0.3356, 0.3312



84.1165, 0.2932, 0.3268

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.



72.6381, 0.2878, 0.3153



72.6381, 0.3356, 0.3312



72.6381, 0.2988, 0.3380

Square

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



72.6381, 0.3356, 0.3312



72.6381, 0.3240, 0.3517



72.6381, 0.2903, 0.3261



72.6381, 0.3012, 0.3072

Rectangle

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



72.6381, 0.3356, 0.3312



72.6381, 0.3362, 0.3475



72.6381, 0.2903, 0.3261



72.6381, 0.2897, 0.3102

Sweetspot

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



72.6413, 0.3356, 0.3312



93.4327, 0.3193, 0.3297



73.2365, 0.3152, 0.2992



19.7420, 0.3206, 0.3298



0.0000, 0.0000, 0.0000



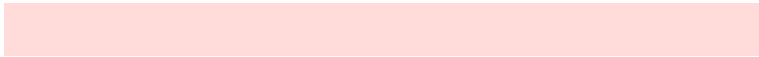
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6413, 0.3356, 0.3312



77.0658, 0.3405, 0.3316



80.6272, 0.3336, 0.3466



16.6583, 0.3292, 0.3306



10.7284, 0.6353, 0.3338



1.0033, 0.6238, 0.3429

Inverse Universe

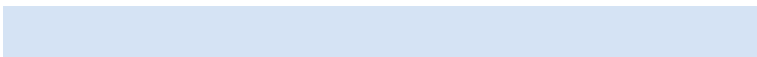
The Inverse Universe completely reimagines the original color for something new.



84.1165, 0.2932, 0.3268



91.8501, 0.2898, 0.3264



75.5632, 0.2928, 0.3108



18.5591, 0.2981, 0.3274



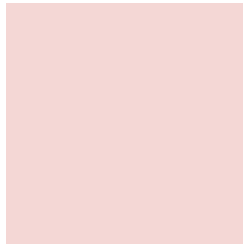
33.7618, 0.2190, 0.3082



3.0229, 0.2197, 0.3110

Previews

White Background



This preview shows how the Yxy color 72.6381, 0.3356, 0.3312 looks on a white background.

Color Contrast Check

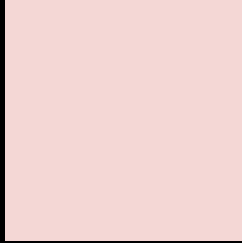
Large Text (above 18pt) WCAG AA × Fail

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 72.6381, 0.3356, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

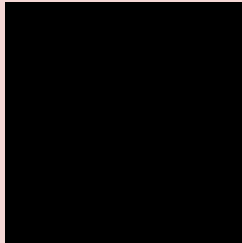
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6381, 0.3356, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 72.6381, 0.3356, 0.3312.

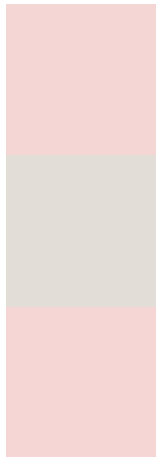


This preview shows how white text looks on a background with the Yxy color 72.6381, 0.3356, 0.3312.

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

72.6381, 0.3356, 0.3312

Protanopia

73.0017, 0.3203, 0.3344

Deuteranopia

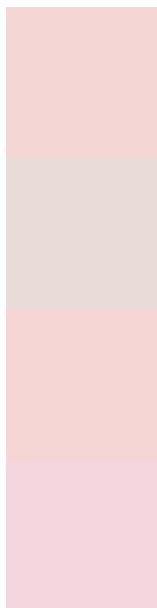
72.4901, 0.3373, 0.3301



Tritanopia

72.8385, 0.3260, 0.3127

Trichromacy



Original Color

72.6381, 0.3356, 0.3312

Protanomaly

72.8930, 0.3256, 0.3333

Deuteranomaly

72.3097, 0.3365, 0.3301

Tritanomaly

72.8333, 0.3294, 0.3198

Monochromacy



Original Color

72.6381, 0.3356, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.2898, 0.3213, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6381, 0.3356, 0.3312 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(244, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 213)  
}
```

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(244, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 213) }
```

Border

The CSS property to change the border of an element to Yxy 72.6381, 0.3356, 0.3312 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(244, 215, 213) }
```

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

```
.border{ border-color:rgb(244, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6381, 0.3356, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 213) }
```

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

```
.background{ background-color: rgb(244,  
215, 213) }
```

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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