

Converting Colors

$Y_{xy}(72.5430, 0.3376, 0.3375)$

Have a look what the booklet for
Yxy(72.5430, 0.3376, 0.3375)
contains.

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Color

Yxy(72.5430, 0.3376, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	F2D8D0
RGB	242, 216, 208
RGB Percent	95%, 85%, 82%
CMY	0.0509, 0.1530, 0.1844
CMYK	0.00, 0.11, 0.14, 0.05
HSL	14°, 57%, 88%
HSV	14°, 14%, 95%
XYZ	72.5645, 72.5430, 69.8347
YIQ	222.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

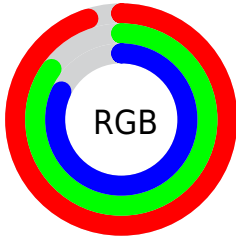
Format	Color
R _Y B	242, 218, 208
Decimal	15915216
CIE Lab	88.23, 7.72, 7.23
CIE LCh	88, 10.573, 43.124
Yxy	72.5430, 0.3376, 0.3375
Android (android.graphics.Color)	4294105296 (0xFFFF2D8D0)
YUV	222.8620, -7.3270, 16.7840
Hunter-Lab	85.1722, 3.0261, 11.0072

Details

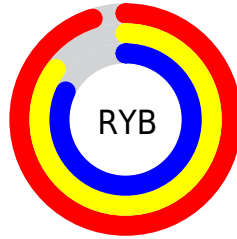
The Yxy color $72.5430, 0.3376, 0.3375$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.6705, 0.2910, 0.3203$, and the grayscale version is $73.7354, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2619, 0.3436, 0.3386$ is the 20% darker color. If you saturate the color by 10%, you get $62.4920, 0.3596, 0.3440$, and if you desaturate by 10%, it is $83.8498, 0.3193, 0.3314$.

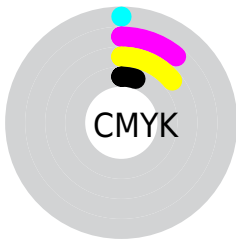
Distribution



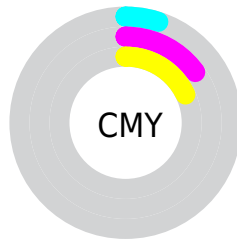
- Red (95%)
- Green (85%)
- Blue (82%)



- Red (95%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5430, 0.3376, 0.3375 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 72.5430, 0.3376, 0.3375 by changing the saturation by 10% instead.


 72.5430, 0.3376,
0.3375

 72.5430, 0.3376,
0.3375


469.4294, 0.3260,
0.3337

 53.6024, 0.3403,
0.3383

122.8282, 0.3336,
0.3362

 38.2839, 0.3436,
0.3394


154.9416, 0.3320,
0.3357

 26.2031, 0.3478,
0.3407


192.2147, 0.3307,
0.3352

 16.9756, 0.3533,
0.3423

235.0318, 0.3295,
0.3349

 10.2171, 0.3609,
0.3445

283.7775, 0.3285,
0.3345

 5.5431, 0.3720,
0.3474

338.8361, 0.3275,

 2.5693, 0.3895,

0.3342

0.3517

400.5919, 0.3267,
0.3339

0.9113, 0.4342,
0.3688

0.0000, 1.0000,
0.0000

72.5430, 0.3376,
0.3375

72.5430, 0.3376,
0.3375

62.4920, 0.3596,
0.3440

83.8498, 0.3193,
0.3314

53.6435, 0.3860,
0.3506

96.3545, 0.3048,
0.3270

45.9549, 0.4170,
0.3570

97.6231, 0.3048,
0.3290

39.3771, 0.4526,
0.3624

■ 33.8576, 0.4918,
0.3661

■ 29.3393, 0.5322,
0.3668

■ 25.7596, 0.5697,
0.3636

■ 23.0477, 0.5997,
0.3565

■ 21.8106, 0.6134,
0.3512

Harmonies

Analogous

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



72.5430, 0.3321, 0.3265



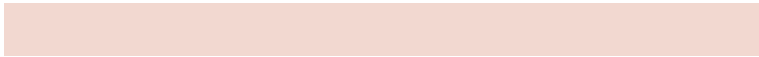
72.5430, 0.3376, 0.3375



72.5430, 0.3362, 0.3466

Triad

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



72.5430, 0.3376, 0.3375



72.5430, 0.3038, 0.3423



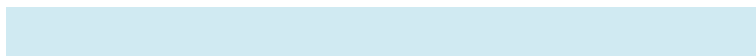
72.5430, 0.2969, 0.3074

Complementary

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



72.5430, 0.3376, 0.3375



78.6705, 0.2910, 0.3203

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.



72.5430, 0.2897, 0.3111



72.5430, 0.3376, 0.3375



72.5430, 0.2936, 0.3312

Square

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



72.5430, 0.3376, 0.3375



72.5430, 0.3166, 0.3497



72.5430, 0.2885, 0.3197



72.5430, 0.3085, 0.3094

Rectangle

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



72.5430, 0.3376, 0.3375



72.5430, 0.3317, 0.3503



72.5430, 0.2885, 0.3197



72.5430, 0.2939, 0.3080

Sweetspot

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



72.5462, 0.3376, 0.3375



94.4859, 0.3192, 0.3313



69.9279, 0.3199, 0.3021



20.0075, 0.3204, 0.3318



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

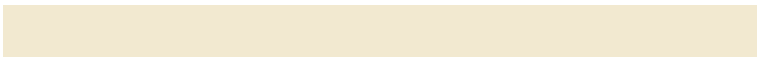
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5462, 0.3376, 0.3375



78.1648, 0.3437, 0.3394



81.6859, 0.3351, 0.3549



16.3631, 0.3287, 0.3346



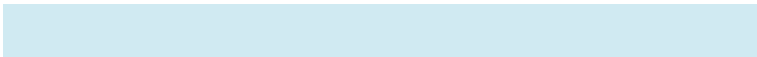
11.8869, 0.6107, 0.3533



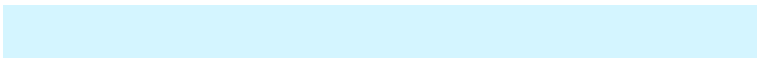
1.1370, 0.5855, 0.3733

Inverse Universe

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



78.6705, 0.2910, 0.3203



86.3421, 0.2865, 0.3184



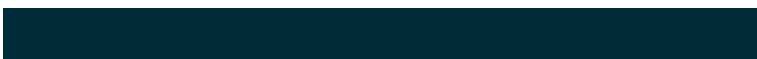
69.4740, 0.2904, 0.3017



17.2610, 0.2981, 0.3233



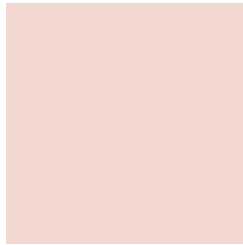
22.3031, 0.2031, 0.2511



2.0059, 0.2063, 0.2625

Previews

White Background



This preview shows how the Yxy color 72.5430, 0.3376, 0.3375 looks on a white background.

Color Contrast Check

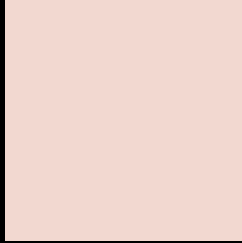
Large Text (above 18pt) WCAG AA × Fail

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 72.5430, 0.3376, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

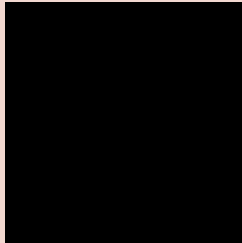
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

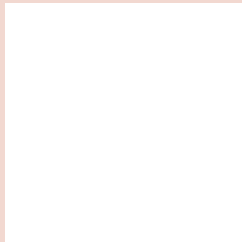
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5430, 0.3376, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 72.5430, 0.3376, 0.3375.

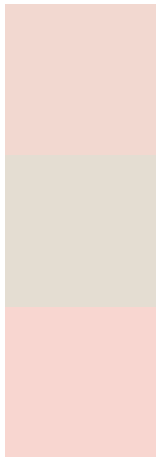


This preview shows how white text looks on a background with the Yxy color 72.5430, 0.3376, 0.3375.

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

72.5430, 0.3376, 0.3375

Protanopia

72.8600, 0.3251, 0.3409

Deuteranopia

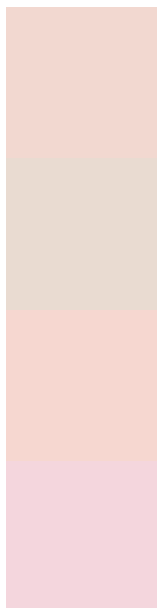
72.6037, 0.3424, 0.3353



Tritanopia

72.6581, 0.3252, 0.3126

Trichromacy



Original Color

72.5430, 0.3376, 0.3375

Protanomaly

72.5901, 0.3297, 0.3398

Deuteranomaly

72.7478, 0.3407, 0.3364

Tritanomaly

72.5467, 0.3300, 0.3218

Monochromacy



Original Color

72.5430, 0.3376, 0.3375

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0713, 0.3212, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5430, 0.3376, 0.3375 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(242, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 208)  
}
```

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(242, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 208) }
```

Border

The CSS property to change the border of an element to Yxy 72.5430, 0.3376, 0.3375 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(242, 216, 208) }
```

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

```
.border{ border-color:rgb(242, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
208) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5430, 0.3376, 0.3375$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 208) }
```

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

```
.background{ background-color: rgb(242,  
216, 208) }
```

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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