

Converting Colors

$Y_{xy}(72.7001, 0.3300, 0.3221)$

Have a look what the booklet for
Yxy(72.7001, 0.3300, 0.3221)
contains.

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Color

Yxy(72.5467, 0.3300, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	F4D6DD
RGB	244, 214, 221
RGB Percent	96%, 84%, 87%
CMY	0.0433, 0.1607, 0.1333
CMYK	0.00, 0.12, 0.09, 0.04
HSL	346°, 58%, 90%
HSV	346°, 12%, 96%
XYZ	74.3953, 72.5467, 78.4983
YIQ	223.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

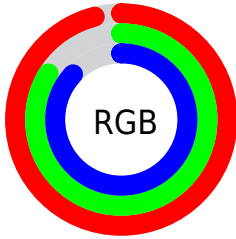
Format	Color
RYB	244, 214, 221
Decimal	16045789
CIELab	88.23, 11.52, 0.37
CIELCh	88, 11.527, 1.861
Yxy	72.5467, 0.3300, 0.3218
Android (android.graphics.Color)	4294235869 (0xFFFF4D6DD)
YUV	223.7680, -1.3646, 17.7435
Hunter-Lab	85.1744, 6.8552, 4.9792

Details

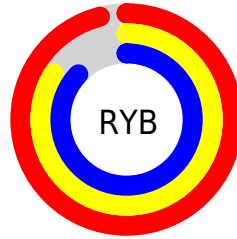
The Yxy color $72.5467, 0.3300, 0.3218$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.0850, 0.2979, 0.3363$, and the grayscale version is $74.3679, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2408, 0.3346, 0.3197$ is the 20% darker color. If you saturate the color by 10%, you get $60.1693, 0.3478, 0.3155$, and if you desaturate by 10%, it is $86.8907, 0.3156, 0.3277$.

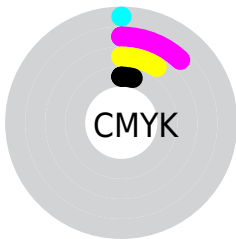
Distribution



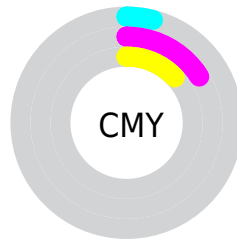
- Red (96%)
- Green (84%)
- Blue (87%)



- Red (96%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5467, 0.3300, 0.3218 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 72.5467, 0.3300, 0.3218 by changing the saturation by 10% instead.


 72.5467, 0.3300,
0.3218

 72.5467, 0.3300,
0.3218


469.4422, 0.3220,
0.3252

 53.6054, 0.3318,
0.3210


122.8335, 0.3272,
0.3230

 38.2863, 0.3341,
0.3201


154.9477, 0.3261,
0.3234

 26.2049, 0.3370,
0.3189


192.2218, 0.3252,
0.3238

 16.9770, 0.3408,
0.3173

235.0399, 0.3244,
0.3242

 10.2181, 0.3460,
0.3151

283.7867, 0.3237,
0.3244

 5.5438, 0.3535,
0.3119

338.8464, 0.3231,

 2.5697, 0.3654,

0.3247

0.3068

400.6034, 0.3225,
0.3249

0.9115, 0.3871,
0.2975

0.0000, 1.0000,
0.0000

72.5467, 0.3300,
0.3218

72.5467, 0.3300,
0.3218

60.1693, 0.3478,
0.3155

86.8907, 0.3156,
0.3277

49.6633, 0.3697,
0.3091

97.9649, 0.3059,
0.3290

40.9400, 0.3964,
0.3029

33.8999, 0.4282,
0.2975

■ 28.4332, 0.4647,
0.2937

■ 24.4176, 0.5045,
0.2927

■ 21.7119, 0.5443,
0.2953

■ 20.1466, 0.5797,
0.3020

■ 19.5203, 0.6019,
0.3089

Harmonies

Analogous

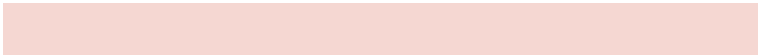
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5467, 0.3169, 0.3118



72.5467, 0.3300, 0.3218



72.5467, 0.3385, 0.3338

Triad

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



72.5467, 0.3300, 0.3218



72.5467, 0.3221, 0.3530



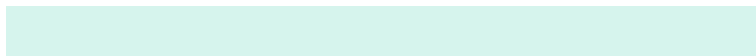
72.5467, 0.2863, 0.3124

Complementary

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



72.5467, 0.3300, 0.3218



85.0850, 0.2979, 0.3363

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.



72.5467, 0.2877, 0.3233



72.5467, 0.3300, 0.3218



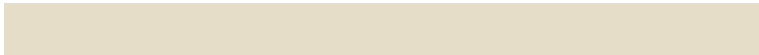
72.5467, 0.3081, 0.3472

Square

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



72.5467, 0.3300, 0.3218



72.5467, 0.3338, 0.3520



72.5467, 0.2955, 0.3362



72.5467, 0.2919, 0.3063

Rectangle

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



72.5467, 0.3300, 0.3218



72.5467, 0.3402, 0.3415



72.5467, 0.2955, 0.3362



72.5467, 0.2860, 0.3156

Sweetspot

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



72.5499, 0.3300, 0.3218



93.1706, 0.3179, 0.3267



72.5462, 0.3088, 0.2982



19.6761, 0.3189, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

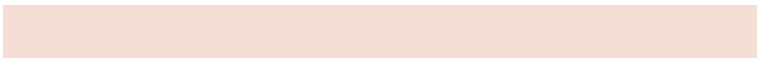
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5499, 0.3300, 0.3218



76.2308, 0.3346, 0.3201



76.0605, 0.3340, 0.3368



16.5460, 0.3257, 0.3235



10.6360, 0.5981, 0.3069



0.9501, 0.5636, 0.2878

Inverse Universe

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



72.5499, 0.3300, 0.3218



76.2308, 0.3346, 0.3201



81.0905, 0.2937, 0.3211



16.5460, 0.3257, 0.3235



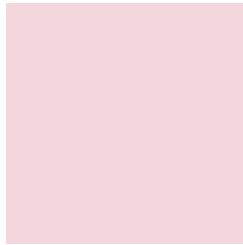
10.6360, 0.5981, 0.3069



0.9501, 0.5636, 0.2878

Previews

White Background



This preview shows how the Yxy color 72.5467, 0.3300, 0.3218 looks on a white background.

Color Contrast Check

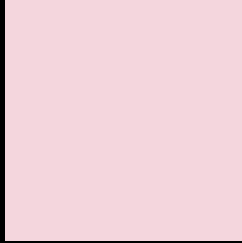
Large Text (above 18pt) WCAG AA × Fail

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 72.5467, 0.3300, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

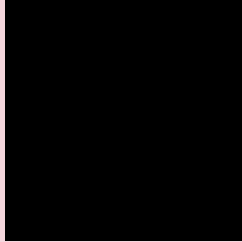
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5467, 0.3300, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 72.5467, 0.3300, 0.3218.

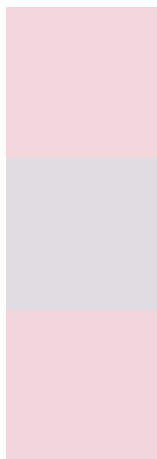


This preview shows how white text looks on a background with the Yxy color 72.5467, 0.3300, 0.3218.

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

72.5467, 0.3300, 0.3218

Protanopia

72.4699, 0.3123, 0.3236

Deuteranopia

72.3683, 0.3293, 0.3218



Tritanopia

72.6581, 0.3252, 0.3126

Trichromacy



Original Color

72.5467, 0.3300, 0.3218

Protanomaly

72.5135, 0.3181, 0.3226

Deuteranomaly

72.3683, 0.3293, 0.3218

Tritanomaly

72.4920, 0.3274, 0.3157

Monochromacy



Original Color

72.5467, 0.3300, 0.3218

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5030, 0.3186, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5467, 0.3300, 0.3218 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, 214, 221)` looks like.

```
.text, #text, p{  
    color:rgb(244, 214, 221)  
}
```

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, 214, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 214, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.5467, 0.3300, 0.3218 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, 214, 221) }
```

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

```
.border{ border-color:rgb(244, 214, 221) }
```

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

Here you see how a box with a 4 pixel rgb(244, 214, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 214, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 214, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 214,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5467, 0.3300, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 214, 221) }
```

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

```
.background{ background-color: rgb(244,  
214, 221) }
```

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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