

Converting Colors

$Yxy(72.4559, 0.3263, 0.3184)$

Have a look what the booklet for
Yxy(72.4559, 0.3263, 0.3184)
contains.

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Color

Yxy(72.3522, 0.3264, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	F2D6E0
RGB	242, 214, 224
RGB Percent	95%, 84%, 88%
CMY	0.0512, 0.1607, 0.1216
CMYK	0.00, 0.12, 0.07, 0.05
HSL	339°, 52%, 89%
HSV	339°, 12%, 95%
XYZ	74.1003, 72.3522, 80.5704
YIQ	223.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

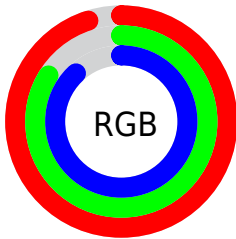
Format	Color
R _Y B	242, 214, 224
Decimal	15914720
CIE Lab	88.14, 11.31, -1.35
CIE LCh	88, 11.393, 353.192
Yxy	72.3522, 0.3264, 0.3187
Android (android.graphics.Color)	4294104800 (0xFFFF2D6E0)
YUV	223.5120, 0.2406, 16.2140
Hunter-Lab	85.0601, 6.6455, 3.3815

Details

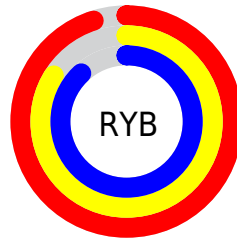
The Yxy color $72.3522, 0.3264, 0.3187$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.5905, 0.3007, 0.3395$, and the grayscale version is $74.1628, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.1000, 0.3298, 0.3157$ is the 20% darker color. If you saturate the color by 10%, you get $60.1971, 0.3411, 0.3092$, and if you desaturate by 10%, it is $86.4097, 0.3144, 0.3277$.

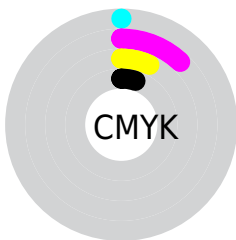
Distribution



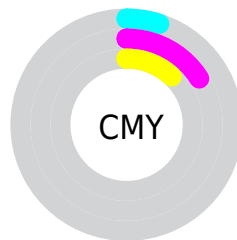
- Red (95%)
- Green (84%)
- Blue (88%)



- Red (95%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3522, 0.3264, 0.3187 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 72.3522, 0.3264, 0.3187 by changing the saturation by 10% instead.


 72.3522, 0.3264,
0.3187

 72.3522, 0.3264,
0.3187


468.7666, 0.3201,
0.3235

 53.4464, 0.3278,
0.3176

122.5571, 0.3242,
0.3203

 38.1593, 0.3296,
0.3163


154.6251, 0.3234,
0.3210

 26.1063, 0.3319,
0.3146


191.8492, 0.3226,
0.3215

 16.9032, 0.3349,
0.3124

234.6140, 0.3220,
0.3220

 10.1655, 0.3389,
0.3094

283.3037, 0.3214,
0.3224

 5.5088, 0.3448,
0.3051

338.3027, 0.3209,

 2.5488, 0.3541,

0.3228

0.2983

399.9956, 0.3205,
0.3232

0.9010, 0.3708,
0.2862

0.0000, 1.0000,
0.0000

72.3522, 0.3264,
0.3187

72.3522, 0.3264,
0.3187

60.1971, 0.3411,
0.3092

86.4097, 0.3144,
0.3277

49.8530, 0.3591,
0.2995

97.6055, 0.3047,
0.3290

41.2349, 0.3807,
0.2899

34.2477, 0.4063,
0.2812

■ 28.7864, 0.4357,
0.2744

■ 24.7343, 0.4682,
0.2707

■ 21.9569, 0.5020,
0.2714

■ 20.2935, 0.5345,
0.2772

■ 19.5426, 0.5593,
0.2855

Harmonies

Analogous

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



72.3522, 0.3128, 0.3098



72.3522, 0.3264, 0.3187



72.3522, 0.3364, 0.3303

Triad

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



72.3522, 0.3264, 0.3187



72.3522, 0.3257, 0.3532



72.3522, 0.2863, 0.3153

Complementary

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



72.3522, 0.3264, 0.3187



83.5905, 0.3007, 0.3395

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.



72.3522, 0.2896, 0.3270



72.3522, 0.3264, 0.3187



72.3522, 0.3122, 0.3493

Square

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



72.3522, 0.3264, 0.3187



72.3522, 0.3360, 0.3503



72.3522, 0.2990, 0.3396



72.3522, 0.2898, 0.3077

Rectangle

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



72.3522, 0.3264, 0.3187



72.3522, 0.3396, 0.3382



72.3522, 0.2990, 0.3396



72.3522, 0.2866, 0.3189

Sweetspot

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



72.3554, 0.3264, 0.3187



94.9029, 0.3160, 0.3264



71.6217, 0.3068, 0.2999



20.0288, 0.3169, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

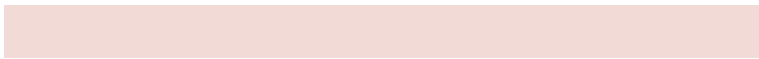
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3554, 0.3264, 0.3187



77.9081, 0.3298, 0.3164



73.7360, 0.3330, 0.3329



15.8520, 0.3237, 0.3206



10.5286, 0.5550, 0.2831



0.8942, 0.5186, 0.2630

Inverse Universe

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



72.3554, 0.3264, 0.3187



77.9081, 0.3298, 0.3164



81.9810, 0.2949, 0.3250



15.8520, 0.3237, 0.3206



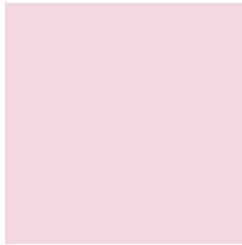
10.5286, 0.5550, 0.2831



0.8942, 0.5186, 0.2630

Previews

White Background



This preview shows how the Yxy color 72.3522, 0.3264, 0.3187 looks on a white background.

Color Contrast Check

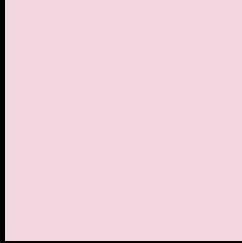
Large Text (above 18pt) WCAG AA × Fail

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 72.3522, 0.3264, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

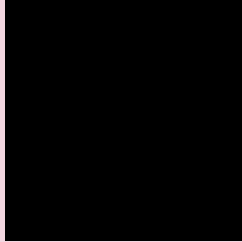
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3522, 0.3264, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 72.3522, 0.3264, 0.3187.

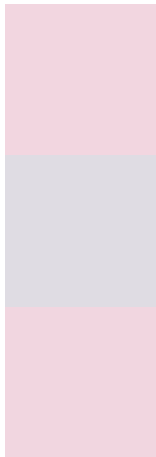


This preview shows how white text looks on a background with the Yxy color 72.3522, 0.3264, 0.3187.

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

72.3522, 0.3264, 0.3187

Protanopia

72.4204, 0.3102, 0.3215

Deuteranopia

72.1757, 0.3257, 0.3186



Tritanopia

72.3564, 0.3231, 0.3115

Trichromacy



Original Color

72.3522, 0.3264, 0.3187

Protanomaly

72.4568, 0.3160, 0.3205

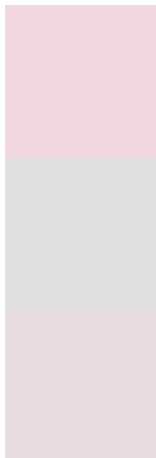
Deuteranomaly

72.1757, 0.3257, 0.3186

Tritanomaly

72.2446, 0.3245, 0.3136

Monochromacy



Original Color

72.3522, 0.3264, 0.3187

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5571, 0.3179, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3522, 0.3264, 0.3187 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, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 224)  
}
```

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, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 224) }
```

Border

The CSS property to change the border of an element to Yxy 72.3522, 0.3264, 0.3187 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, 214, 224) }
```

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

```
.border{ border-color:rgb(242, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3522, 0.3264, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 224) }
```

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

```
.background{ background-color: rgb(242,  
214, 224) }
```

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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