

Converting Colors

$Y_{xy}(72.4850, 0.3285, 0.3148)$

Have a look what the booklet for
Yxy(72.4850, 0.3285, 0.3148)
contains.

Yxy(72.3521, 0.3289, 0.3147)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3521, 0.3289, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	F7D4E2
RGB	247, 212, 226
RGB Percent	97%, 83%, 89%
CMY	0.0316, 0.1685, 0.1137
CMYK	0.00, 0.14, 0.08, 0.03
HSL	336°, 68%, 90%
HSV	336°, 14%, 97%
XYZ	75.6168, 72.3521, 81.9393
YIQ	224.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

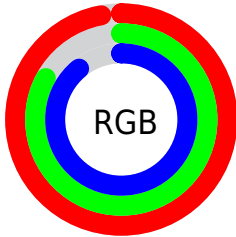
Format	Color
R_{YB}	247, 212, 226
Decimal	16241890
CIE _{Lab}	88.14, 14.43, -2.37
CIE _{LCh}	88, 14.624, 350.676
Yxy	72.3521, 0.3289, 0.3147
Android (android.graphics.Color)	4294431970 (0xFFFF7D4E2)
YUV	224.0610, 0.9559, 20.1175
Hunter-Lab	85.0600, 9.8281, 2.4273

Details

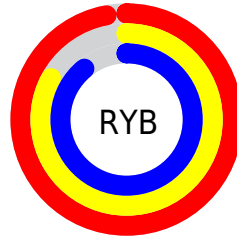
The Yxy color $72.3521, 0.3289, 0.3147$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.3730, 0.2989, 0.3438$, and the grayscale version is $74.5706, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.0014, 0.3321, 0.3106$ is the 20% darker color. If you saturate the color by 10%, you get $60.1587, 0.3434, 0.3040$, and if you desaturate by 10%, it is $86.5103, 0.3170, 0.3249$.

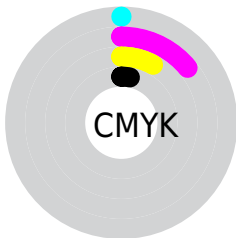
Distribution



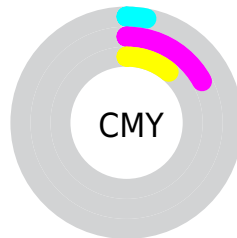
- Red (97%)
- Green (83%)
- Blue (89%)



- Red (97%)
- Yellow (83%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3521, 0.3289, 0.3147 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 72.3521, 0.3289, 0.3147 by changing the saturation by 10% instead.


 72.3521, 0.3289,
0.3147

 72.3521, 0.3289,
0.3147


468.7662, 0.3214,
0.3213

 53.4464, 0.3306,
0.3132


122.5570, 0.3263,
0.3170

 38.1592, 0.3327,
0.3114


154.6249, 0.3253,
0.3179

 26.1063, 0.3354,
0.3091


191.8490, 0.3244,
0.3186

 16.9032, 0.3389,
0.3060

234.6137, 0.3237,
0.3193

 10.1655, 0.3436,
0.3019

283.3034, 0.3230,
0.3199

 5.5088, 0.3505,
0.2961

338.3024, 0.3224,

 2.5488, 0.3612,

0.3204

0.2870

399.9952, 0.3219,
0.3209

0.9010, 0.3804,
0.2711

0.0000, 1.0000,
0.0000

72.3521, 0.3289,
0.3147

72.3521, 0.3289,
0.3147

60.1587, 0.3434,
0.3040

86.5103, 0.3170,
0.3249

49.8333, 0.3609,
0.2930

98.5053, 0.3078,
0.3290

41.2852, 0.3819,
0.2824

34.4121, 0.4064,
0.2730

■ 29.1016, 0.4343,
0.2659

■ 25.2269, 0.4647,
0.2623

■ 22.6413, 0.4960,
0.2635

■ 21.1657, 0.5258,
0.2702

■ 20.6644, 0.5420,
0.2760

Harmonies

Analogous

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



72.3521, 0.3113, 0.3039



72.3521, 0.3289, 0.3147



72.3521, 0.3424, 0.3292

Triad

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



72.3521, 0.3289, 0.3147



72.3521, 0.3307, 0.3602



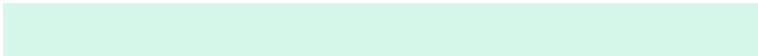
72.3521, 0.2789, 0.3124

Complementary

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



72.3521, 0.3289, 0.3147



86.3730, 0.2989, 0.3438

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.



72.3521, 0.2838, 0.3277



72.3521, 0.3289, 0.3147



72.3521, 0.3134, 0.3560

Square

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



72.3521, 0.3289, 0.3147



72.3521, 0.3433, 0.3556



72.3521, 0.2963, 0.3439



72.3521, 0.2828, 0.3022

Rectangle

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



72.3521, 0.3289, 0.3147



72.3521, 0.3470, 0.3393



72.3521, 0.2963, 0.3439



72.3521, 0.2796, 0.3171

Sweetspot

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



72.3553, 0.3289, 0.3147



93.2763, 0.3168, 0.3251



71.0332, 0.3040, 0.2929



19.7028, 0.3177, 0.3243



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.



72.3553, 0.3289, 0.3147



73.8300, 0.3328, 0.3116



73.0869, 0.3386, 0.3321



16.5925, 0.3231, 0.3196



10.9599, 0.5377, 0.2736



0.9830, 0.5046, 0.2554

Inverse Universe

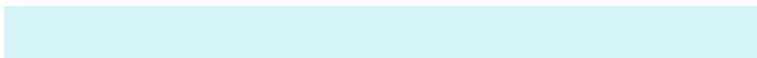
The Inverse Universe completely reimagines the original color for something new.



72.3553, 0.3289, 0.3147



73.8300, 0.3328, 0.3116



85.4385, 0.2910, 0.3259



16.5925, 0.3231, 0.3196



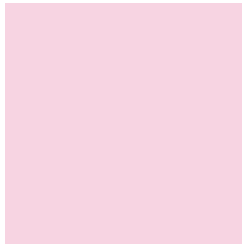
10.9599, 0.5377, 0.2736



0.9830, 0.5046, 0.2554

Previews

White Background



This preview shows how the Yxy color 72.3521, 0.3289, 0.3147 looks on a white background.

Color Contrast Check

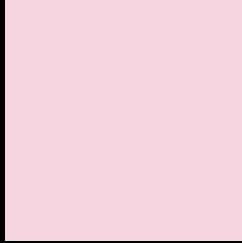
Large Text (above 18pt) WCAG AA × Fail

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 72.3521, 0.3289, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

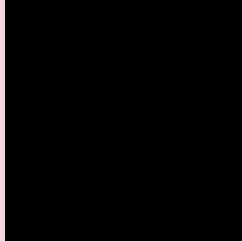
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3521, 0.3289, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 72.3521, 0.3289, 0.3147.

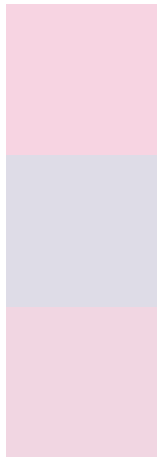


This preview shows how white text looks on a background with the Yxy color 72.3521, 0.3289, 0.3147.

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

72.3521, 0.3289, 0.3147

Protanopia

72.4855, 0.3069, 0.3172

Deuteranopia

72.2849, 0.3243, 0.3166



Tritanopia

72.4626, 0.3275, 0.3127

Trichromacy



Original Color

72.3521, 0.3289, 0.3147

Protanomaly

72.2718, 0.3147, 0.3163

Deuteranomaly

72.1342, 0.3259, 0.3156

Tritanomaly

72.4072, 0.3282, 0.3137

Monochromacy



Original Color

72.3521, 0.3289, 0.3147

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7784, 0.3180, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3521, 0.3289, 0.3147 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(247, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 226)  
}
```

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(247, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 226) }
```

Border

The CSS property to change the border of an element to Yxy 72.3521, 0.3289, 0.3147 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(247, 212, 226) }
```

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

```
.border{ border-color:rgb(247, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3521, 0.3289, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 226) }
```

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

```
.background{ background-color: rgb(247,  
212, 226) }
```

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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