

Converting Colors

$Y_{xy}(72.9504, 0.3474, 0.3322)$

Have a look what the booklet for
Yxy(72.9504, 0.3474, 0.3322)
contains.

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Color

Yxy(72.9504, 0.3474, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4D1
RGB	255, 212, 209
RGB Percent	100%, 83%, 82%
CMY	0.0000, 0.1686, 0.1805
CMYK	0.00, 0.17, 0.18, 0.00
HSL	4°, 100%, 91%
HSV	4°, 18%, 100%
XYZ	76.2883, 72.9504, 70.3591
YIQ	224.5150, 26.5910, 8.1830

Conversions

Conversions Part 2

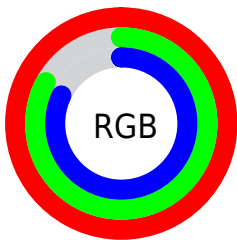
Format	Color
R _Y B	255, 212, 209
Decimal	16766161
CIE Lab	88.42, 14.56, 7.13
CIE LCh	88, 16.218, 26.092
Yxy	72.9504, 0.3474, 0.3322
Android (android.graphics.Color)	4294956241 (0xFFFFD4D1)
YUV	224.5150, -7.6489, 26.7353
Hunter-Lab	85.4110, 9.9652, 10.9463

Details

The Yxy color **72.9504, 0.3474, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.3637, 0.2853, 0.3258**, and the grayscale version is **74.9711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4863, 0.3557, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **60.7485, 0.3732, 0.3341**, and if you desaturate by 10%, it is **87.1170, 0.3265, 0.3304**.

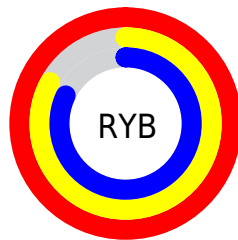
Distribution



Red (100%)

Green (83%)

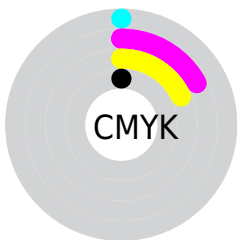
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

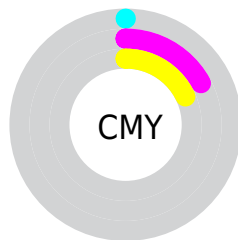


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9504, 0.3474, 0.3322 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 72.9504, 0.3474, 0.3322 by changing the saturation by 10% instead.


 72.9504, 0.3474,
0.3322

 72.9504, 0.3474,
0.3322


470.8429, 0.3312,
0.3309

 53.9354, 0.3511,
0.3324


123.4068, 0.3418,
0.3318

 38.5500, 0.3557,
0.3327


155.6170, 0.3396,
0.3316

 26.4099, 0.3616,
0.3330


192.9944, 0.3377,
0.3315

 17.1305, 0.3693,
0.3333

235.9233, 0.3361,
0.3314

 10.3276, 0.3799,
0.3336

284.7883, 0.3346,
0.3312

 5.6167, 0.3952,
0.3337

339.9736, 0.3334,

 2.6134, 0.4195,

0.3311

0.3333

401.8636, 0.3322,
0.3310

0.9334, 0.4744,
0.3383

0.0000, 1.0000,
0.0000

72.9504, 0.3474,
0.3322

72.9504, 0.3474,
0.3322

60.7485, 0.3732,
0.3341

87.1170, 0.3265,
0.3304

50.4152, 0.4049,
0.3360

99.9999, 0.3127,
0.3290

41.8611, 0.4429,
0.3377

34.9859, 0.4866,
0.3390

■ 29.6791, 0.5333,
0.3393

■ 25.8167, 0.5778,
0.3383

■ 23.2566, 0.6132,
0.3361

■ 21.8255, 0.6339,
0.3330

■ 21.6564, 0.6366,
0.3327

Harmonies

Analogous

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



72.9504, 0.3338, 0.3159



72.9504, 0.3474, 0.3322



72.9504, 0.3514, 0.3483

Triad

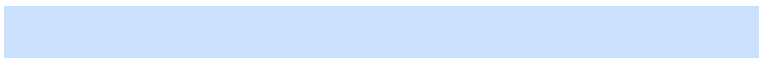
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9504, 0.3474, 0.3322



72.9504, 0.3098, 0.3571



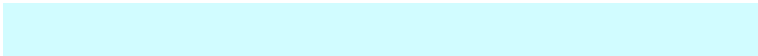
72.9504, 0.2814, 0.2982

Complementary

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



72.9504, 0.3474, 0.3322



90.3637, 0.2853, 0.3258

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.



72.9504, 0.2755, 0.3081



72.9504, 0.3474, 0.3322



72.9504, 0.2916, 0.3424

Square

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



72.9504, 0.3474, 0.3322



72.9504, 0.3293, 0.3635



72.9504, 0.2792, 0.3242



72.9504, 0.2955, 0.2966

Rectangle

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



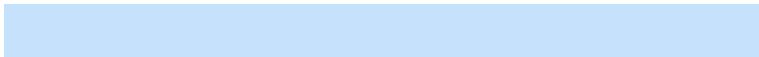
72.9504, 0.3474, 0.3322



72.9504, 0.3480, 0.3568



72.9504, 0.2792, 0.3242



72.9504, 0.2784, 0.3006

Sweetspot

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



72.9537, 0.3474, 0.3322



91.8426, 0.3210, 0.3298



73.9172, 0.3164, 0.2862



19.4216, 0.3222, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

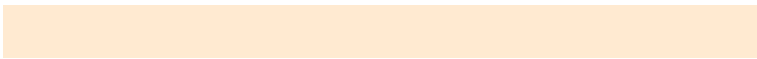
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9537, 0.3474, 0.3322



67.9062, 0.3570, 0.3330



84.8696, 0.3435, 0.3544



18.1797, 0.3293, 0.3306



11.3876, 0.6354, 0.3336



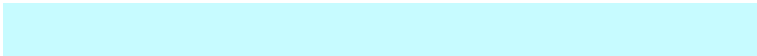
1.1731, 0.6250, 0.3420

Inverse Universe

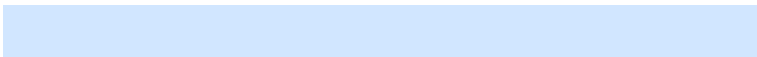
The Inverse Universe completely reimagines the original color for something new.



90.3637, 0.2853, 0.3258



88.5249, 0.2796, 0.3250



77.1870, 0.2840, 0.3022



20.2636, 0.2980, 0.3274



35.8553, 0.2190, 0.3082



3.5506, 0.2197, 0.3107

Previews

White Background



This preview shows how the Yxy color 72.9504, 0.3474, 0.3322 looks on a white background.

Color Contrast Check

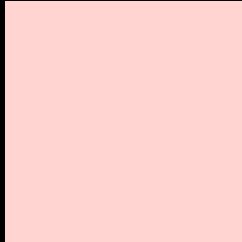
Large Text (above 18pt) WCAG AA × Fail

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 72.9504, 0.3474, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

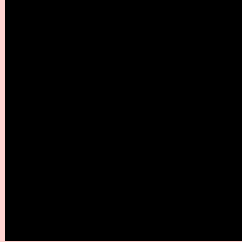
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

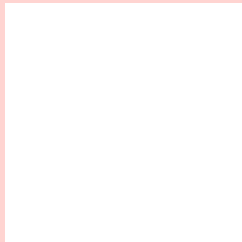
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9504, 0.3474, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 72.9504, 0.3474, 0.3322.

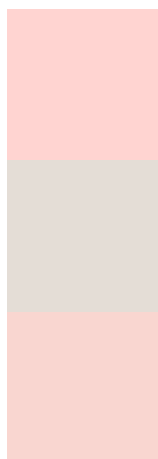


This preview shows how white text looks on a background with the Yxy color 72.9504, 0.3474, 0.3322.

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

72.9504, 0.3474, 0.3322

Protanopia

73.0619, 0.3224, 0.3366

Deuteranopia

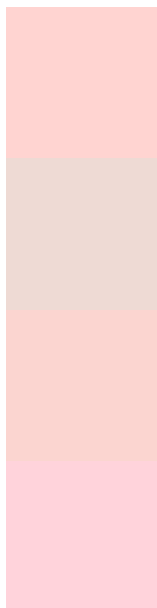
72.7869, 0.3432, 0.3353



Tritanopia

72.7894, 0.3359, 0.3140

Trichromacy



Original Color

72.9504, 0.3474, 0.3322

Protanomaly

73.0734, 0.3315, 0.3354

Deuteranomaly

72.6518, 0.3449, 0.3342

Tritanomaly

72.9630, 0.3402, 0.3210

Monochromacy



Original Color

72.9504, 0.3474, 0.3322

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.1337, 0.3249, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9504, 0.3474, 0.3322 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(255, 212, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 209)  
}
```

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(255, 212, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 209) }
```

Border

The CSS property to change the border of an element to Yxy 72.9504, 0.3474, 0.3322 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(255, 212, 209) }
```

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

```
.border{ border-color:rgb(255, 212, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9504, 0.3474, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 209) }
```

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

```
.background{ background-color: rgb(255,  
212, 209) }
```

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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