

Converting Colors

$Y_{xy}(72.1113, 0.3461, 0.3280)$

Have a look what the booklet for
Yxy(72.1113, 0.3461, 0.3280)
contains.

| | |
|--|----|
| Yxy(72.0563, 0.3462, 0.3281) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(72.0563, 0.3462, 0.3281)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD2D3 |
| RGB | 255, 210, 211 |
| RGB Percent | 100%, 82%, 83% |
| CMY | 0.0002, 0.1764, 0.1725 |
| CMYK | 0.00, 0.18, 0.17, 0.00 |
| HSL | 359°, 100%, 91% |
| HSV | 359°, 18%, 100% |
| XYZ | 76.0314, 72.0563, 71.5292 |
| YIQ | 223.5690, 26.4990, 9.8510 |

Conversions

Conversions Part 2

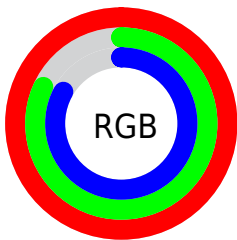
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 210, 211 |
| Decimal | 16765651 |
| CIE Lab | 88.00, 15.89, 5.44 |
| CIE LCh | 88, 16.795, 18.903 |
| Yxy | 72.0563, 0.3462, 0.3281 |
| Android (android.graphics.Color) | 4294955731 (0xFFFFD2D3) |
| YUV | 223.5690, -6.1965, 27.5650 |
| Hunter-Lab | 84.8860, 11.3299, 9.4594 |

Details

The Yxy color **72.0563, 0.3462, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.3493, 0.2866, 0.3299**, and the grayscale version is **74.2480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8828, 0.3542, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **59.3001, 0.3720, 0.3276**, and if you desaturate by 10%, it is **87.0186, 0.3256, 0.3286**.

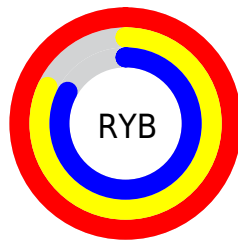
Distribution



Red (100%)

Green (82%)

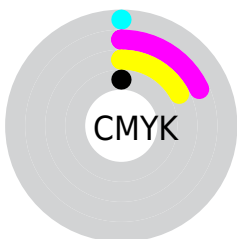
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

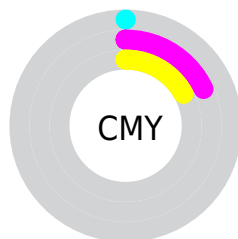


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0563, 0.3462, 0.3281 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 72.0563, 0.3462, 0.3281 by changing the saturation by 10% instead.

 72.0563, 0.3462,
0.3281

 72.0563, 0.3462,
0.3281

467.7375, 0.3306,
0.3287

 53.2047, 0.3498,
0.3279


122.1366, 0.3408,
0.3283

 37.9662, 0.3543,
0.3277


154.1340, 0.3386,
0.3284

 25.9564, 0.3600,
0.3273

191.2821, 0.3368,
0.3285

 16.7911, 0.3674,
0.3268

233.9654, 0.3352,
0.3286

 10.0856, 0.3777,
0.3260

282.5682, 0.3339,
0.3286

 5.4558, 0.3927,
0.3246

337.4749, 0.3326,

 2.5171, 0.4166,

0.3286

0.3218

399.0699, 0.3316,
0.3287

0.8852, 0.4680,
0.3207

0.0000, 1.0000,
0.0000

72.0563, 0.3462,
0.3281

72.0563, 0.3462,
0.3281

59.3001, 0.3720,
0.3276

87.0186, 0.3256,
0.3286

48.6365, 0.4040,
0.3271

99.9910, 0.3127,
0.3290

39.9567, 0.4426,
0.3267

33.1383, 0.4874,
0.3265

■ 28.0453, 0.5353,
0.3266

■ 24.5233, 0.5808,
0.3271

■ 22.3903, 0.6161,
0.3281

■ 21.4079, 0.6358,
0.3291

■ 21.2632, 0.6385,
0.3291

Harmonies

Analogous

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



72.0563, 0.3302, 0.3117



72.0563, 0.3462, 0.3281



72.0563, 0.3530, 0.3452

Triad

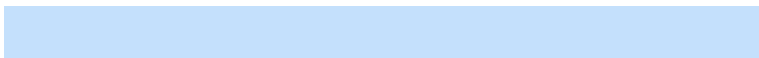
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0563, 0.3462, 0.3281



72.0563, 0.3146, 0.3607



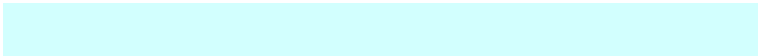
72.0563, 0.2778, 0.2987

Complementary

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



72.0563, 0.3462, 0.3281



92.3493, 0.2866, 0.3299

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.



72.0563, 0.2741, 0.3107



72.0563, 0.3462, 0.3281



72.0563, 0.2949, 0.3472

Square

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



72.0563, 0.3462, 0.3281



72.0563, 0.3343, 0.3649



72.0563, 0.2802, 0.3285



72.0563, 0.2907, 0.2950

Rectangle

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



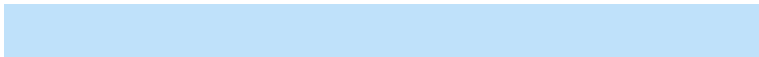
72.0563, 0.3462, 0.3281



72.0563, 0.3512, 0.3550



72.0563, 0.2802, 0.3285



72.0563, 0.2755, 0.3019

Sweetspot

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



72.0596, 0.3462, 0.3281



91.3557, 0.3209, 0.3288



74.2904, 0.3137, 0.2850



19.3039, 0.3221, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

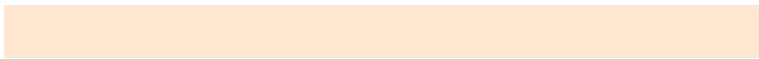
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0596, 0.3462, 0.3281



67.5369, 0.3543, 0.3279



83.0522, 0.3433, 0.3501



17.9935, 0.3291, 0.3285



11.1179, 0.6379, 0.3288



1.0847, 0.6326, 0.3259

Inverse Universe

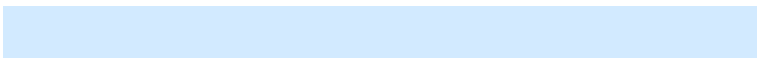
The Inverse Universe completely reimagines the original color for something new.



72.0596, 0.3462, 0.3281



67.5369, 0.3543, 0.3279



79.7600, 0.2849, 0.3069



17.9935, 0.3291, 0.3285



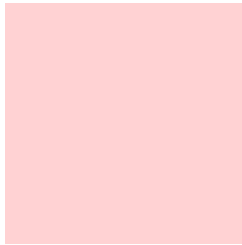
11.1179, 0.6379, 0.3288



1.0847, 0.6326, 0.3259

Previews

White Background



This preview shows how the Yxy color 72.0563, 0.3462, 0.3281 looks on a white background.

Color Contrast Check

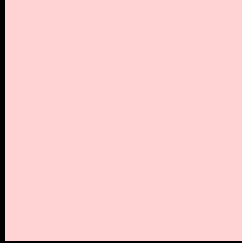
Large Text (above 18pt) WCAG AA × Fail

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 72.0563, 0.3462, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

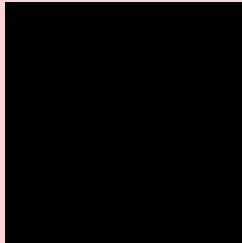
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

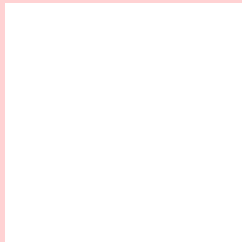
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0563, 0.3462, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 72.0563, 0.3462, 0.3281.

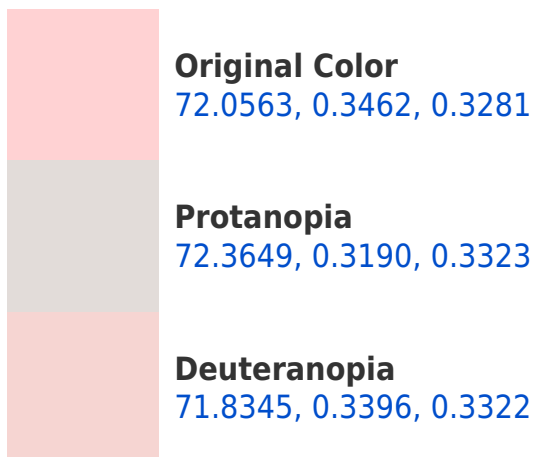


This preview shows how white text looks on a background with the Yxy color 72.0563, 0.3462, 0.3281.

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





Tritanopia

72.2427, 0.3368, 0.3139

Trichromacy



Original Color

72.0563, 0.3462, 0.3281

Protanomaly

72.0226, 0.3288, 0.3301

Deuteranomaly

71.8798, 0.3420, 0.3312

Tritanomaly

71.9754, 0.3404, 0.3190

Monochromacy



Original Color

72.0563, 0.3462, 0.3281

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4397, 0.3243, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0563, 0.3462, 0.3281 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, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 211)  
}
```

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, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.0563, 0.3462, 0.3281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

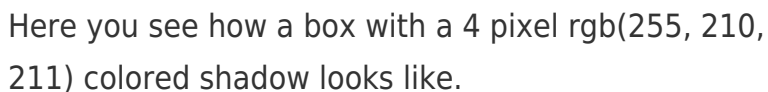
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 211) }
```

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

```
.border{ border-color:rgb(255, 210, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 211); box-shadow:4px 4px 4px 4px rgb(255, 210, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0563, 0.3462, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 211) }
```

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

```
.background{ background-color: rgb(255,  
210, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor