

Converting Colors

$Y_{xy}(80.7264, 0.3835, 0.3275)$

Have a look what the booklet for
Yxy(80.7264, 0.3835, 0.3275)
contains.

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Color

Yxy(70.9752, 0.3481, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D1
RGB	255, 208, 209
RGB Percent	100%, 82%, 82%
CMY	0.0000, 0.1843, 0.1804
CMYK	0.00, 0.18, 0.18, 0.00
HSL	359°, 100%, 91%
HSV	359°, 18%, 100%
XYZ	75.3016, 70.9752, 70.0450
YIQ	222.1670, 27.6910, 10.2750

Conversions

Conversions Part 2

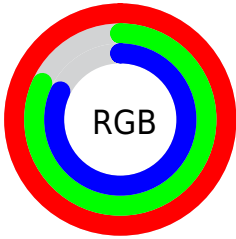
Format	Color
R _Y B	255, 208, 209
Decimal	16765137
CIE Lab	87.47, 16.65, 5.75
CIE LCh	87, 17.617, 19.052
Yxy	70.9752, 0.3481, 0.3281
Android (android.graphics.Color)	4294955217 (0xFFFFD0D1)
YUV	222.1670, -6.4913, 28.7945
Hunter-Lab	84.2468, 12.1154, 9.6775

Details

The Yxy color $70.9752, 0.3481, 0.3281$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.0844, 0.2854, 0.3299$, and the grayscale version is $73.2044, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1548, 0.3568, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $58.3859, 0.3744, 0.3276$, and if you desaturate by 10%, it is $85.7636, 0.3271, 0.3286$.

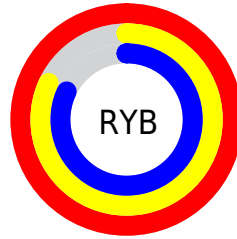
Distribution



Red (100%)

Green (82%)

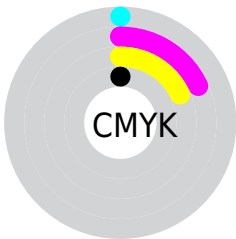
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

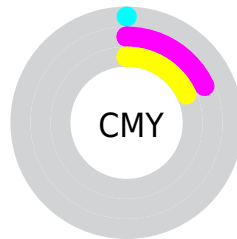


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9752, 0.3481, 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 70.9752, 0.3481, 0.3281 by changing the saturation by 10% instead.


 70.9752, 0.3481,
0.3281

 70.9752, 0.3481,
0.3281


463.9667, 0.3315,
0.3287

 52.3220, 0.3519,
0.3279


120.5984, 0.3423,
0.3284

 37.2618, 0.3567,
0.3276


152.3372, 0.3401,
0.3284

 25.4102, 0.3628,
0.3273


189.2066, 0.3382,
0.3285

 16.3830, 0.3707,
0.3267

231.5910, 0.3365,
0.3286

 9.7955, 0.3818,
0.3258

279.8748, 0.3350,
0.3286

 5.2636, 0.3979,
0.3243

334.4424, 0.3337,

 2.4027, 0.4236,

0.3287

0.3212

395.6783, 0.3326,
0.3287

0.8273, 0.4840,
0.3219

0.0000, 1.0000,
0.0000

70.9752, 0.3481,
0.3281

70.9752, 0.3481,
0.3281

58.3859, 0.3744,
0.3276

85.7636, 0.3271,
0.3286

47.8817, 0.4069,
0.3271

99.9989, 0.3127,
0.3290

39.3530, 0.4461,
0.3268

32.6762, 0.4913,
0.3266

■ 27.7141, 0.5394,
0.3267

■ 24.3103, 0.5843,
0.3273

■ 22.2798, 0.6185,
0.3282

■ 21.3663, 0.6368,
0.3292

■ 21.2706, 0.6386,
0.3292

Harmonies

Analogous

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



70.9752, 0.3312, 0.3109



70.9752, 0.3481, 0.3281



70.9752, 0.3552, 0.3461

Triad

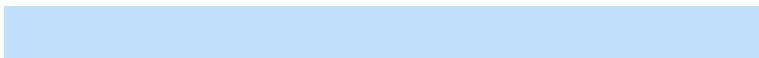
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9752, 0.3481, 0.3281



70.9752, 0.3146, 0.3625



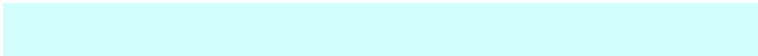
70.9752, 0.2760, 0.2970

Complementary

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



70.9752, 0.3481, 0.3281



92.0844, 0.2854, 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.



70.9752, 0.2720, 0.3096



70.9752, 0.3481, 0.3281



70.9752, 0.2938, 0.3481

Square

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



70.9752, 0.3481, 0.3281



70.9752, 0.3354, 0.3669



70.9752, 0.2784, 0.3284



70.9752, 0.2896, 0.2932

Rectangle

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



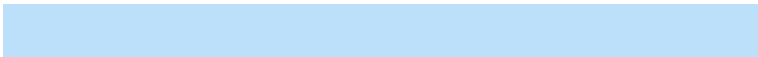
70.9752, 0.3481, 0.3281



70.9752, 0.3533, 0.3564



70.9752, 0.2784, 0.3284



70.9752, 0.2735, 0.3003

Sweetspot

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



70.9784, 0.3481, 0.3281



89.6961, 0.3227, 0.3287



73.2993, 0.3137, 0.2830



18.9694, 0.3238, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

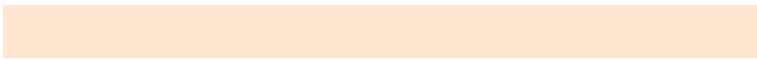
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9784, 0.3481, 0.3281



66.2343, 0.3568, 0.3279



82.3714, 0.3449, 0.3511



17.9932, 0.3291, 0.3286



11.1176, 0.6380, 0.3288



1.0845, 0.6329, 0.3260

Inverse Universe

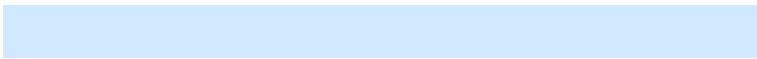
The Inverse Universe completely reimagines the original color for something new.



70.9784, 0.3481, 0.3281



66.2343, 0.3568, 0.3279



78.9474, 0.2836, 0.3058



17.9932, 0.3291, 0.3286



11.1176, 0.6380, 0.3288



1.0845, 0.6329, 0.3260

Previews

White Background



This preview shows how the Yxy color 70.9752, 0.3481, 0.3281 looks on a white background.

Color Contrast Check

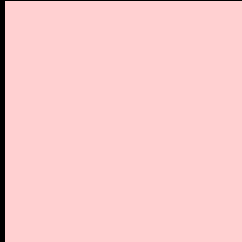
Large Text (above 18pt) WCAG AA × Fail

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 70.9752, 0.3481, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

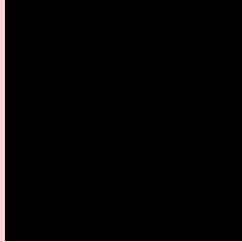
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9752, 0.3481, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 70.9752, 0.3481, 0.3281.

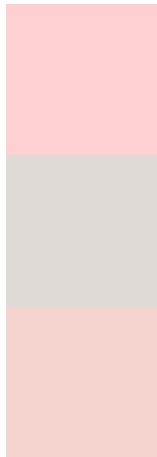


This preview shows how white text looks on a background with the Yxy color 70.9752, 0.3481, 0.3281.

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



Original Color

70.9752, 0.3481, 0.3281

Protanopia

70.8964, 0.3191, 0.3323

Deuteranopia

71.0535, 0.3405, 0.3333



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

70.9752, 0.3481, 0.3281

Protanomaly

70.5594, 0.3290, 0.3301

Deuteranomaly

71.2823, 0.3437, 0.3322

Tritanomaly

70.8954, 0.3422, 0.3189

Monochromacy



Original Color

70.9752, 0.3481, 0.3281

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1279, 0.3251, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9752, 0.3481, 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, 208, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 209) }
```

Border

The CSS property to change the border of an element to Yxy 70.9752, 0.3481, 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, 208, 209) }
```

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

```
.border{ border-color:rgb(255, 208, 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, 208, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9752, 0.3481, 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, 208, 209) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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