

Converting Colors

$Y_{xy}(70.2575, 0.3381, 0.3110)$

Have a look what the booklet for
Yxy(70.2575, 0.3381, 0.3110)
contains.

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Color

Yxy(70.2504, 0.3380, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDDF
RGB	255, 205, 223
RGB Percent	100%, 80%, 87%
CMY	0.0002, 0.1960, 0.1256
CMYK	0.00, 0.20, 0.13, 0.00
HSL	338°, 100%, 90%
HSV	338°, 20%, 100%
XYZ	76.3739, 70.2504, 79.3339
YIQ	222.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

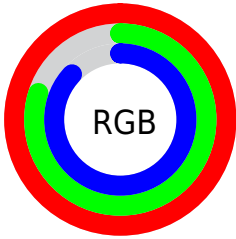
Format	Color
R_{YB}	255, 205, 223
Decimal	16764383
CIE _{Lab}	87.12, 20.36, -2.18
CIE _{LCh}	87, 20.477, 353.900
Yxy	70.2504, 0.3380, 0.3109
Android (android.graphics.Color)	4294954463 (0xFFFFCDDF)
YUV	222.0020, 0.4920, 28.9392
Hunter-Lab	83.8155, 15.9746, 2.5511

Details

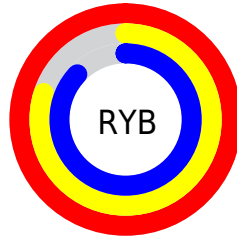
The Yxy color **70.2504, 0.3380, 0.3109** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5833, 0.2927, 0.3479**, and the grayscale version is **73.0310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9661, 0.3441, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **58.1933, 0.3553, 0.3011**, and if you desaturate by 10%, it is **84.3860, 0.3238, 0.3204**.

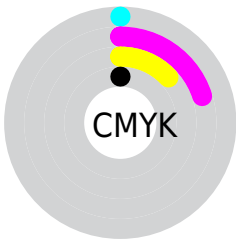
Distribution



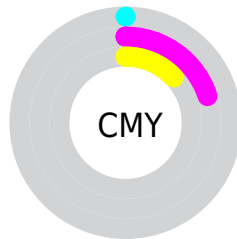
- Red (100%)
- Green (80%)
- Blue (87%)



- Red (100%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2504, 0.3380, 0.3109 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 70.2504, 0.3380, 0.3109 by changing the saturation by 10% instead.


 70.2504, 0.3380,
0.3109

 70.2504, 0.3380,
0.3109


461.4287, 0.3263,
0.3193

 51.7307, 0.3407,
0.3090


119.5658, 0.3339,
0.3138

 36.7905, 0.3440,
0.3066


151.1302, 0.3323,
0.3149

 25.0453, 0.3483,
0.3037


187.8117, 0.3310,
0.3159

 16.1108, 0.3538,
0.2998

229.9947, 0.3298,
0.3167

 9.6026, 0.3614,
0.2945

278.0635, 0.3287,
0.3175

 5.1363, 0.3725,
0.2869

332.4025, 0.3278,

 2.3274, 0.3900,

0.3181

0.2750

393.3961, 0.3270,
0.3187

0.7882, 0.4221,
0.2531

0.0000, 1.0000,
0.0000

70.2504, 0.3380,
0.3109

70.2504, 0.3380,
0.3109

58.1933, 0.3553,
0.3011

84.3860, 0.3238,
0.3204

48.1067, 0.3761,
0.2913

99.9899, 0.3127,
0.3290

39.8873, 0.4009,
0.2823

33.4183, 0.4296,
0.2750

■ 28.5696, 0.4616,
0.2705

■ 25.1929, 0.4953,
0.2703

■ 23.1119, 0.5281,
0.2752

■ 22.0526, 0.5577,
0.2848

■ 22.0173, 0.5589,
0.2852

Harmonies

Analogous

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



70.2504, 0.3132, 0.2953



70.2504, 0.3380, 0.3109



70.2504, 0.3563, 0.3312

Triad

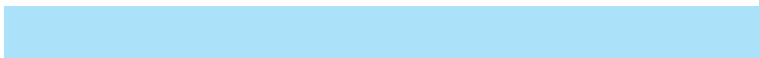
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2504, 0.3380, 0.3109



70.2504, 0.3354, 0.3734



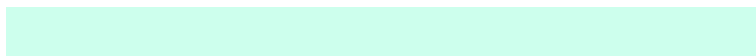
70.2504, 0.2654, 0.3033

Complementary

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



70.2504, 0.3380, 0.3109



90.5833, 0.2927, 0.3479

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.



70.2504, 0.2709, 0.3243



70.2504, 0.3380, 0.3109



70.2504, 0.3107, 0.3663

Square

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



70.2504, 0.3380, 0.3109



70.2504, 0.3545, 0.3676



70.2504, 0.2872, 0.3478



70.2504, 0.2719, 0.2904

Rectangle

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



70.2504, 0.3380, 0.3109



70.2504, 0.3619, 0.3452



70.2504, 0.2872, 0.3478



70.2504, 0.2659, 0.3096

Sweetspot

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



70.2536, 0.3380, 0.3109



90.0087, 0.3194, 0.3237



68.8367, 0.3018, 0.2782



19.0430, 0.3202, 0.3231



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

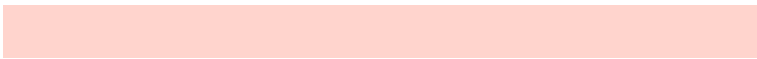
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2536, 0.3380, 0.3109



65.9309, 0.3435, 0.3076



72.5888, 0.3503, 0.3359



18.0950, 0.3237, 0.3205



11.5359, 0.5546, 0.2829



1.1432, 0.5232, 0.2656

Inverse Universe

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



70.2536, 0.3380, 0.3109



65.9309, 0.3435, 0.3076



87.5138, 0.2829, 0.3220



18.0950, 0.3237, 0.3205



11.5359, 0.5546, 0.2829



1.1432, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 70.2504, 0.3380, 0.3109 looks on a white background.

Color Contrast Check

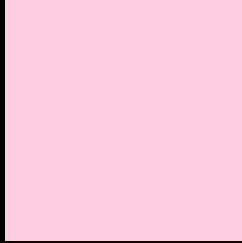
Large Text (above 18pt) WCAG AA × Fail

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 70.2504, 0.3380, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

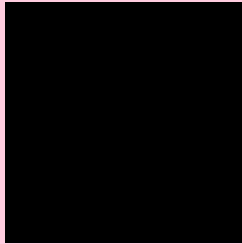
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2504, 0.3380, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 70.2504, 0.3380, 0.3109.



This preview shows how white text looks on a background with the Yxy color 70.2504, 0.3380, 0.3109.

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

70.2504, 0.3380, 0.3109

Protanopia

70.3989, 0.3056, 0.3149

Deuteranopia

70.5380, 0.3251, 0.3185



Tritanopia

70.1431, 0.3395, 0.3129

Trichromacy



Original Color

70.2504, 0.3380, 0.3109

Protanomaly

70.2904, 0.3171, 0.3142

Deuteranomaly

70.1080, 0.3299, 0.3155

Tritanomaly

70.1966, 0.3388, 0.3119

Monochromacy



Original Color

70.2504, 0.3380, 0.3109

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.8781, 0.3218, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2504, 0.3380, 0.3109 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, 205, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 223)  
}
```

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, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.2504, 0.3380, 0.3109 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, 205, 223) }
```

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

```
.border{ border-color:rgb(255, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.2504, 0.3380, 0.3109$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 223) }
```

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

```
.background{ background-color: rgb(255,  
205, 223) }
```

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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