

Converting Colors

$Y_{xy}(70.6102, 0.3222, 0.2915)$

Have a look what the booklet for
Yxy(70.6102, 0.3222, 0.2915)
contains.

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Color

Yxy(70.2920, 0.3220, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	FCCCFC
RGB	252, 204, 242
RGB Percent	99%, 80%, 95%
CMY	0.0116, 0.2001, 0.0509
CMYK	0.00, 0.19, 0.04, 0.01
HSL	313°, 89%, 89%
HSV	313°, 19%, 99%
XYZ	77.7802, 70.2920, 93.4811
YIQ	222.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

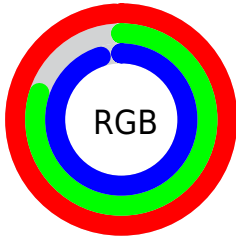
Format	Color
R _Y B	252, 204, 242
Decimal	16567538
CIE Lab	87.14, 23.11, -12.26
CIE LCh	87, 26.160, 332.055
Yxy	70.2920, 0.3220, 0.2910
Android (android.graphics.Color)	4294757618 (0xFFFCCEF2)
YUV	222.6840, 9.5228, 25.7101
Hunter-Lab	83.8403, 18.8770, -7.4195

Details

The Yxy color $70.2920, 0.3220, 0.2910$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.3461, 0.3046, 0.3702$, and the grayscale version is $73.4835, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.9600, 0.3237, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $58.9566, 0.3280, 0.2705$, and if you desaturate by 10%, it is $83.5815, 0.3168, 0.3113$.

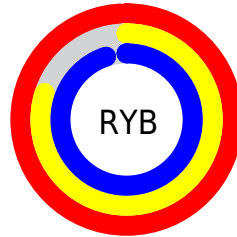
Distribution



Red (99%)

Green (80%)

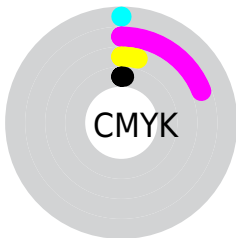
Blue (95%)



Red (99%)

Yellow (80%)

Blue (95%)

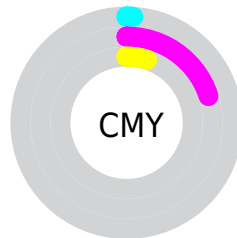


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2920, 0.3220, 0.2910 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 70.2920, 0.3220, 0.2910 by changing the saturation by 10% instead.


 70.2920, 0.3220,
0.2910

 70.2920, 0.3220,
0.2910

461.5746, 0.3179,
0.3081

 51.7646, 0.3229,
0.2872

119.6251, 0.3206,
0.2969

 36.8175, 0.3239,
0.2825


151.1996, 0.3201,
0.2992

 25.0662, 0.3252,
0.2767

187.8919, 0.3196,
0.3012

 16.1264, 0.3269,
0.2693

230.0864, 0.3192,
0.3029

 9.6136, 0.3290,
0.2594

278.1675, 0.3188,
0.3044

 5.1435, 0.3317,
0.2456

332.5197, 0.3185,

 2.3317, 0.3356,

0.3058

0.2252

393.5272, 0.3182,
0.3070

0.7904, 0.3413,
0.1913

0.0000, 0.3394,
0.0000

70.2920, 0.3220,
0.2910

70.2920, 0.3220,
0.2910

58.9566, 0.3280,
0.2705

83.5815, 0.3168,
0.3113

49.4728, 0.3347,
0.2503

98.9026, 0.3123,
0.3308

41.7428, 0.3421,
0.2315

99.4455, 0.3109,
0.3290

35.6561, 0.3500,
0.2149

■ 31.0898, 0.3583,
0.2017

■ 27.9032, 0.3667,
0.1926

■ 25.9299, 0.3748,
0.1883

■ 24.9212, 0.3826,
0.1885

■ 24.8476, 0.3834,
0.1886

Harmonies

Analogous

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



70.2920, 0.2902, 0.2784



70.2920, 0.3220, 0.2910



70.2920, 0.3526, 0.3125

Triad

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



70.2920, 0.3220, 0.2910



70.2920, 0.3605, 0.3816



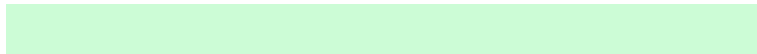
70.2920, 0.2564, 0.3145

Complementary

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



70.2920, 0.3220, 0.2910



87.3461, 0.3046, 0.3702

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.



70.2920, 0.2734, 0.3450



70.2920, 0.3220, 0.2910



70.2920, 0.3331, 0.3854

Square

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



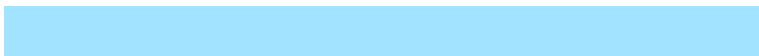
70.2920, 0.3220, 0.2910



70.2920, 0.3752, 0.3638



70.2920, 0.3012, 0.3719



70.2920, 0.2537, 0.2903

Rectangle

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



70.2920, 0.3220, 0.2910



70.2920, 0.3675, 0.3297



70.2920, 0.3012, 0.3719



70.2920, 0.2606, 0.3244

Sweetspot

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



70.2951, 0.3220, 0.2910



90.4195, 0.3154, 0.3173



64.4455, 0.2875, 0.2774



19.1402, 0.3157, 0.3161



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.



70.2951, 0.3220, 0.2910



67.3538, 0.3243, 0.2829



68.9667, 0.3394, 0.3143



17.4588, 0.3170, 0.3104



12.9594, 0.3821, 0.1879



1.2153, 0.3734, 0.1830

Inverse Universe

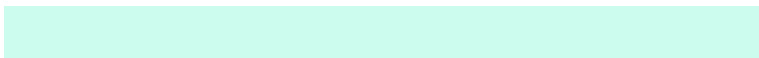
The Inverse Universe completely reimagines the original color for something new.



70.2951, 0.3220, 0.2910



67.3538, 0.3243, 0.2829



88.6412, 0.2917, 0.3442



17.4588, 0.3170, 0.3104



12.9594, 0.3821, 0.1879



1.2153, 0.3734, 0.1830

Previews

White Background



This preview shows how the Yxy color 70.2920, 0.3220, 0.2910 looks on a white background.

Color Contrast Check

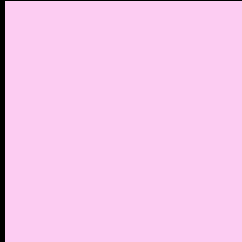
Large Text (above 18pt) WCAG AA × Fail

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 70.2920, 0.3220, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

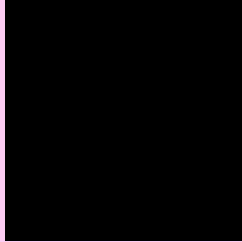
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2920, 0.3220, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 70.2920, 0.3220, 0.2910.



This preview shows how white text looks on a background with the Yxy color 70.2920, 0.3220, 0.2910.

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

70.2920, 0.3220, 0.2910

Protanopia

70.6740, 0.2889, 0.2937

Deuteranopia

70.7028, 0.3069, 0.3007



Tritanopia

70.0931, 0.3332, 0.3126

Trichromacy



Original Color

70.2920, 0.3220, 0.2910

Protanomaly

70.1333, 0.3002, 0.2924

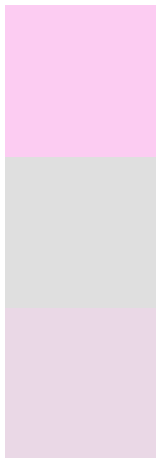
Deuteranomaly

70.6212, 0.3120, 0.2970

Tritanomaly

70.1798, 0.3289, 0.3046

Monochromacy



Original Color

70.2920, 0.3220, 0.2910

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.3173, 0.3163, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2920, 0.3220, 0.2910 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(252, 204, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 204, 242)  
}
```

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(252, 204, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 242) }
```

Border

The CSS property to change the border of an element to Yxy 70.2920, 0.3220, 0.2910 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(252, 204, 242) }
```

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

```
.border{ border-color:rgb(252, 204, 242) }
```

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

Here you see how a box with a 4 pixel rgb(252, 204, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 204, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 204, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 204,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2920, 0.3220, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 204, 242) }
```

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

```
.background{ background-color: rgb(252,  
204, 242) }
```

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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