

Converting Colors

$Y_{xy}(70.8523, 0.3218, 0.3053)$

Have a look what the booklet for
Yxy(70.8523, 0.3218, 0.3053)
contains.

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Color

Yxy(71.0311, 0.3212, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	F3D2E9
RGB	243, 210, 233
RGB Percent	95%, 82%, 91%
CMY	0.0472, 0.1764, 0.0864
CMYK	0.00, 0.14, 0.04, 0.05
HSL	318°, 58%, 89%
HSV	318°, 14%, 95%
XYZ	74.7059, 71.0311, 86.8468
YIQ	222.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

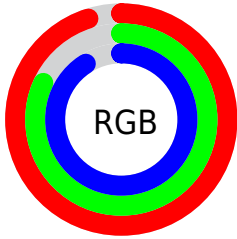
Format	Color
R_{YB}	243, 210, 233
Decimal	15979241
CIE Lab	87.50, 15.31, -7.03
CIE LCh	88, 16.849, 335.338
Yxy	71.0311, 0.3212, 0.3054
Android (android.graphics.Color)	4294169321 (0xFFFF3D2E9)
YUV	222.4890, 5.1819, 17.9881
Hunter-Lab	84.2800, 10.7329, -2.0998

Details

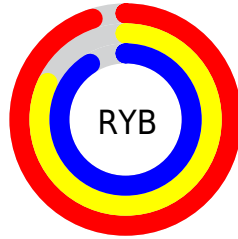
The Yxy color $71.0311, 0.3212, 0.3054$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82.9552, 0.3051, 0.3538$, and the grayscale version is $73.3660, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1818, 0.3238, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $59.5201, 0.3288, 0.2872$, and if you desaturate by 10%, it is $84.3873, 0.3148, 0.3230$.

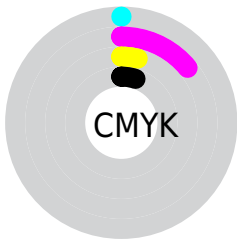
Distribution



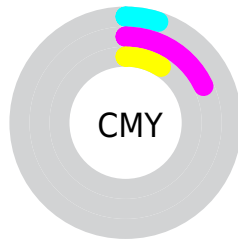
- Red (95%)
- Green (82%)
- Blue (91%)



- Red (95%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0311, 0.3212, 0.3054 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 71.0311, 0.3212, 0.3054 by changing the saturation by 10% instead.


 71.0311, 0.3212,
0.3054

 71.0311, 0.3212,
0.3054

464.1621, 0.3174,
0.3162

 52.3676, 0.3221,
0.3030


120.6780, 0.3199,
0.3091

 37.2981, 0.3231,
0.3000


152.4302, 0.3194,
0.3106

 25.4384, 0.3244,
0.2963


189.3140, 0.3189,
0.3118

 16.4040, 0.3261,
0.2914

231.7139, 0.3185,
0.3129

 9.8105, 0.3284,
0.2849

280.0143, 0.3182,
0.3139

 5.2735, 0.3316,
0.2757

334.5995, 0.3179,

 2.4086, 0.3364,

0.3147

0.2616

395.8540, 0.3176,
0.3155

0.8303, 0.3445,
0.2373

0.0000, 0.3680,
0.0000

71.0311, 0.3212,
0.3054

71.0311, 0.3212,
0.3054

59.5201, 0.3288,
0.2872

84.3873, 0.3148,
0.3230

49.7629, 0.3376,
0.2689

97.3287, 0.3095,
0.3361

41.6743, 0.3476,
0.2512

97.7892, 0.3053,
0.3290

35.1583, 0.3588,
0.2350

■ 30.1089, 0.3710,
0.2213

■ 26.4074, 0.3838,
0.2113

■ 23.9159, 0.3969,
0.2059

■ 22.4670, 0.4097,
0.2056

■ 21.9250, 0.4178,
0.2075

Harmonies

Analogous

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



71.0311, 0.3005, 0.2963



71.0311, 0.3212, 0.3054



71.0311, 0.3401, 0.3203

Triad

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



71.0311, 0.3212, 0.3054



71.0311, 0.3420, 0.3636



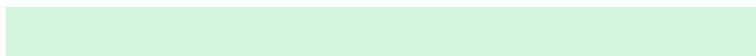
71.0311, 0.2754, 0.3182

Complementary

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



71.0311, 0.3212, 0.3054



82.9552, 0.3051, 0.3538

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.



71.0311, 0.2857, 0.3373



71.0311, 0.3212, 0.3054



71.0311, 0.3240, 0.3642

Square

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



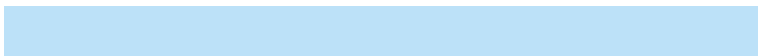
71.0311, 0.3212, 0.3054



71.0311, 0.3522, 0.3536



71.0311, 0.3034, 0.3545



71.0311, 0.2746, 0.3030

Rectangle

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



71.0311, 0.3212, 0.3054



71.0311, 0.3488, 0.3319



71.0311, 0.3034, 0.3545



71.0311, 0.2778, 0.3244

Sweetspot

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



71.0342, 0.3212, 0.3054



93.4663, 0.3150, 0.3222



67.7730, 0.2978, 0.2938



19.7509, 0.3155, 0.3209



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.



71.0342, 0.3212, 0.3054



75.9031, 0.3230, 0.3009



70.1417, 0.3329, 0.3222



16.6777, 0.3184, 0.3126



12.0618, 0.4159, 0.2065



1.0783, 0.4010, 0.1983

Inverse Universe

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



71.0342, 0.3212, 0.3054



75.9031, 0.3230, 0.3009



83.8655, 0.2957, 0.3360



16.6777, 0.3184, 0.3126



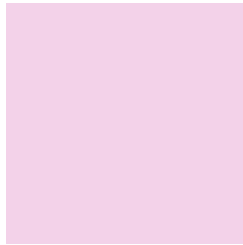
12.0618, 0.4159, 0.2065



1.0783, 0.4010, 0.1983

Previews

White Background



This preview shows how the Yxy color 71.0311, 0.3212, 0.3054 looks on a white background.

Color Contrast Check

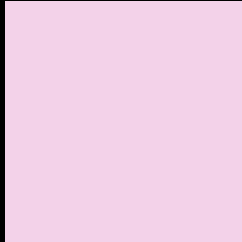
Large Text (above 18pt) WCAG AA × Fail

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 71.0311, 0.3212, 0.3054 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 71.0311, 0.3212, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 71.0311, 0.3212, 0.3054.



This preview shows how white text looks on a background with the Yxy color 71.0311, 0.3212, 0.3054.

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

71.0311, 0.3212, 0.3054

Protanopia

71.2213, 0.2997, 0.3075

Deuteranopia

71.0769, 0.3158, 0.3091



Tritanopia

71.0118, 0.3246, 0.3124

Trichromacy



Original Color

71.0311, 0.3212, 0.3054

Protanomaly

70.9879, 0.3073, 0.3068

Deuteranomaly

71.0903, 0.3181, 0.3082

Tritanomaly

71.1229, 0.3232, 0.3104

Monochromacy



Original Color

71.0311, 0.3212, 0.3054

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4568, 0.3160, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0311, 0.3212, 0.3054 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(243, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 233)  
}
```

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(243, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 233) }
```

Border

The CSS property to change the border of an element to Yxy 71.0311, 0.3212, 0.3054 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(243, 210, 233) }
```

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

```
.border{ border-color:rgb(243, 210, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0311, 0.3212, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 233) }
```

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

```
.background{ background-color: rgb(243,  
210, 233) }
```

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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