

Converting Colors

$Yxy(71.5267, 0.3233, 0.3071)$

Have a look what the booklet for
Yxy(71.5267, 0.3233, 0.3071)
contains.

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Color

Yxy(71.3319, 0.3234, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	F5D2E8
RGB	245, 210, 232
RGB Percent	96%, 82%, 91%
CMY	0.0392, 0.1764, 0.0903
CMYK	0.00, 0.14, 0.05, 0.04
HSL	322°, 64%, 89%
HSV	322°, 14%, 96%
XYZ	75.2650, 71.3319, 86.1336
YIQ	222.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

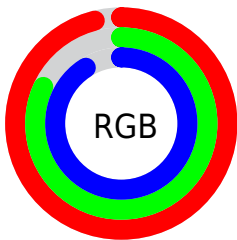
Format	Color
R _Y B	245, 210, 232
Decimal	16110312
CIE Lab	87.65, 15.83, -6.27
CIE LCh	88, 17.028, 338.395
Yxy	71.3319, 0.3234, 0.3065
Android (android.graphics.Color)	4294300392 (0xFFFF5D2E8)
YUV	222.9730, 4.4503, 19.3177
Hunter-Lab	84.4582, 11.2686, -1.3453

Details

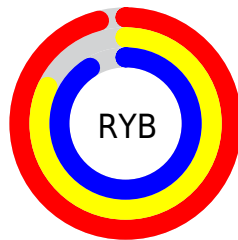
The Yxy color **71.3319, 0.3234, 0.3065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3341, 0.3034, 0.3526**, and the grayscale version is **73.7334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3961, 0.3267, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **59.6444, 0.3326, 0.2900**, and if you desaturate by 10%, it is **84.9044, 0.3156, 0.3224**.

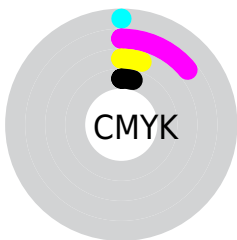
Distribution



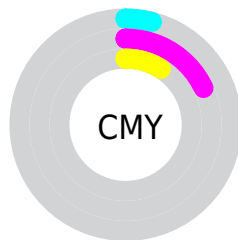
- Red (96%)
- Green (82%)
- Blue (91%)



- Red (96%)
- Yellow (82%)
- Blue (91%)



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





- Cyan (4%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3319, 0.3234, 0.3065 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 71.3319, 0.3234, 0.3065 by changing the saturation by 10% instead.


 71.3319, 0.3234,
0.3065

 71.3319, 0.3234,
0.3065

465.2128, 0.3185,
0.3168

 52.6131, 0.3245,
0.3042


121.1062, 0.3217,
0.3100

 37.4940, 0.3258,
0.3014


152.9305, 0.3211,
0.3114

 25.5902, 0.3275,
0.2978


189.8920, 0.3205,
0.3126

 16.5173, 0.3297,
0.2932

232.3753, 0.3200,
0.3137

 9.8910, 0.3327,
0.2869

280.7646, 0.3196,
0.3146

 5.3267, 0.3369,
0.2781

335.4443, 0.3192,

 2.4402, 0.3433,

0.3154

0.2647

396.7990, 0.3188,
0.3161

0.8465, 0.3543,
0.2415

0.0000, 0.4731,
0.0000

71.3319, 0.3234,
0.3065

71.3319, 0.3234,
0.3065

59.6444, 0.3326,
0.2900

84.9044, 0.3156,
0.3224

49.7481, 0.3434,
0.2733

97.8468, 0.3093,
0.3336

41.5553, 0.3559,
0.2572

98.1517, 0.3066,
0.3290

34.9673, 0.3700,
0.2425

■ 29.8748, 0.3856,
0.2303

■ 26.1552, 0.4021,
0.2219

■ 23.6660, 0.4191,
0.2182

■ 22.2328, 0.4359,
0.2199

■ 21.7411, 0.4453,
0.2226

Harmonies

Analogous

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



71.3319, 0.3025, 0.2966



71.3319, 0.3234, 0.3065



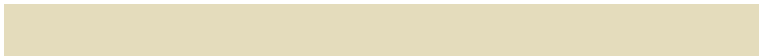
71.3319, 0.3419, 0.3219

Triad

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



71.3319, 0.3234, 0.3065



71.3319, 0.3407, 0.3645



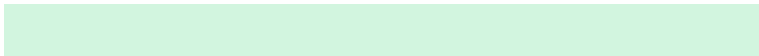
71.3319, 0.2745, 0.3163

Complementary

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



71.3319, 0.3234, 0.3065



84.3341, 0.3034, 0.3526

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.



71.3319, 0.2840, 0.3354



71.3319, 0.3234, 0.3065



71.3319, 0.3220, 0.3640

Square

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



71.3319, 0.3234, 0.3065



71.3319, 0.3520, 0.3552



71.3319, 0.3013, 0.3532



71.3319, 0.2748, 0.3016

Rectangle

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



71.3319, 0.3234, 0.3065



71.3319, 0.3502, 0.3337



71.3319, 0.3013, 0.3532



71.3319, 0.2766, 0.3224

Sweetspot

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



71.3350, 0.3234, 0.3065



93.4220, 0.3154, 0.3229



68.3525, 0.2986, 0.2919



19.7396, 0.3160, 0.3217



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.



71.3350, 0.3234, 0.3065



74.3970, 0.3258, 0.3020



70.3992, 0.3359, 0.3242



16.6577, 0.3195, 0.3142



11.7405, 0.4427, 0.2212



1.0517, 0.4233, 0.2106

Inverse Universe

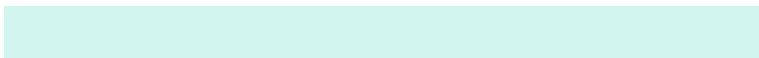
The Inverse Universe completely reimagines the original color for something new.



71.3350, 0.3234, 0.3065



74.3970, 0.3258, 0.3020



85.3163, 0.2935, 0.3339



16.6577, 0.3195, 0.3142



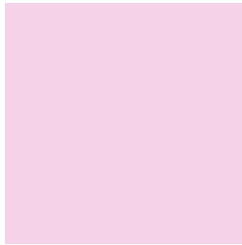
11.7405, 0.4427, 0.2212



1.0517, 0.4233, 0.2106

Previews

White Background



This preview shows how the Yxy color 71.3319, 0.3234, 0.3065 looks on a white background.

Color Contrast Check

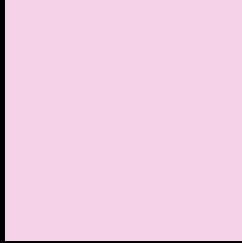
Large Text (above 18pt) WCAG AA × Fail

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 71.3319, 0.3234, 0.3065 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 71.3319, 0.3234, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 71.3319, 0.3234, 0.3065.



This preview shows how white text looks on a background with the Yxy color 71.3319, 0.3234, 0.3065.

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

71.3319, 0.3234, 0.3065

Protanopia

71.3173, 0.3010, 0.3086

Deuteranopia

71.1909, 0.3172, 0.3102



Tritanopia

71.3677, 0.3261, 0.3125

Trichromacy



Original Color

71.3319, 0.3234, 0.3065

Protanomaly

71.0930, 0.3087, 0.3078

Deuteranomaly

71.2072, 0.3195, 0.3093

Tritanomaly

71.4788, 0.3247, 0.3105

Monochromacy



Original Color

71.3319, 0.3234, 0.3065

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.6227, 0.3167, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3319, 0.3234, 0.3065 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(245, 210, 232)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 232)  
}
```

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(245, 210, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 232) }
```

Border

The CSS property to change the border of an element to Yxy 71.3319, 0.3234, 0.3065 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(245, 210, 232) }
```

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

```
.border{ border-color:rgb(245, 210, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 210,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3319, 0.3234, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 232) }
```

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

```
.background{ background-color: rgb(245,  
210, 232) }
```

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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