

Converting Colors

Yxy(68.3246, 0.3283, 0.3053)

Have a look what the booklet for
Yxy(68.3246, 0.3283, 0.3053)
contains.

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Color

Yxy(68.3246, 0.3283, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	F6CCE3
RGB	246, 204, 227
RGB Percent	96%, 80%, 89%
CMY	0.0352, 0.2000, 0.1097
CMYK	0.00, 0.17, 0.08, 0.04
HSL	327°, 70%, 88%
HSV	327°, 17%, 96%
XYZ	73.4719, 68.3246, 81.9985
YIQ	219.1800, 17.6490, 16.0570

Conversions

Conversions Part 2

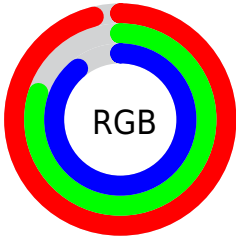
Format	Color
R _Y B	246, 204, 227
Decimal	16174307
CIE Lab	86.17, 18.50, -5.81
CIE LCh	86, 19.387, 342.566
Yxy	68.3246, 0.3283, 0.3053
Android (android.graphics.Color)	4294364387 (0xFFFF6CCE3)
YUV	219.1800, 3.8553, 23.5211
Hunter-Lab	82.6587, 14.0085, -0.9553

Details

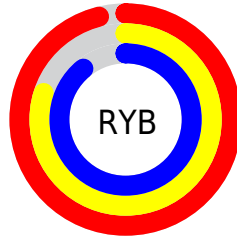
The Yxy color $68.3246, 0.3283, 0.3053$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.0918, 0.2996, 0.3540$, and the grayscale version is $70.9371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.6101, 0.3312, 0.2998$ is the 20% darker color. If you saturate the color by 10%, you get $56.9472, 0.3399, 0.2907$, and if you desaturate by 10%, it is $81.5950, 0.3186, 0.3194$.

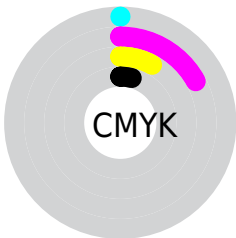
Distribution



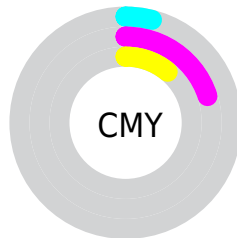
- Red (96%)
- Green (80%)
- Blue (89%)



- Red (96%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3246, 0.3283, 0.3053 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 68.3246, 0.3283, 0.3053 by changing the saturation by 10% instead.

 68.3246, 0.3283,
0.3053

 68.3246, 0.3283,
0.3053

454.6452, 0.3211,
0.3162

 50.1619, 0.3299,
0.3028


116.8164, 0.3258,
0.3091

 35.5420, 0.3320,
0.2998


147.9142, 0.3248,
0.3105

 24.0807, 0.3345,
0.2960


184.0925, 0.3240,
0.3118

 15.3935, 0.3379,
0.2910

225.7357, 0.3233,
0.3129

 9.0960, 0.3424,
0.2842

273.2282, 0.3226,
0.3139

 4.8039, 0.3490,
0.2745

326.9544, 0.3221,

 2.1326, 0.3593,

0.3147

0.2596

387.2986, 0.3216,
0.3155

0.6829, 0.3795,
0.2297

0.0000, 1.0000,
0.0000

68.3246, 0.3283,
0.3053

68.3246, 0.3283,
0.3053

56.9472, 0.3399,
0.2907

81.5950, 0.3186,
0.3194

47.3664, 0.3537,
0.2760

96.8308, 0.3105,
0.3328

39.4911, 0.3697,
0.2620

98.3375, 0.3072,
0.3290

33.2184, 0.3880,
0.2496

■ 28.4343, 0.4082,
0.2401

■ 25.0095, 0.4297,
0.2346

■ 22.7923, 0.4517,
0.2342

■ 21.5880, 0.4730,
0.2393

■ 21.3396, 0.4792,
0.2413

Harmonies

Analogous

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



68.3246, 0.3041, 0.2929



68.3246, 0.3283, 0.3053



68.3246, 0.3489, 0.3235

Triad

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



68.3246, 0.3283, 0.3053



68.3246, 0.3423, 0.3707



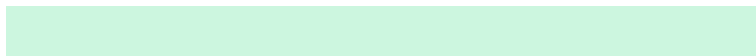
68.3246, 0.2681, 0.3114

Complementary

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



68.3246, 0.3283, 0.3053



84.0918, 0.2996, 0.3540

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.



68.3246, 0.2775, 0.3331



68.3246, 0.3283, 0.3053



68.3246, 0.3200, 0.3686

Square

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



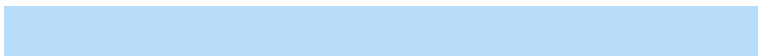
68.3246, 0.3283, 0.3053



68.3246, 0.3570, 0.3611



68.3246, 0.2963, 0.3546



68.3246, 0.2700, 0.2956

Rectangle

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



68.3246, 0.3283, 0.3053



68.3246, 0.3574, 0.3371



68.3246, 0.2963, 0.3546



68.3246, 0.2700, 0.3182

Sweetspot

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



68.3276, 0.3283, 0.3053



91.7673, 0.3168, 0.3223



65.5122, 0.2979, 0.2844



19.4036, 0.3174, 0.3213



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.



68.3276, 0.3283, 0.3053



69.0005, 0.3327, 0.2996



67.2417, 0.3440, 0.3269



16.6344, 0.3208, 0.3161



11.4163, 0.4759, 0.2395



1.0241, 0.4511, 0.2258

Inverse Universe

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



68.3276, 0.3283, 0.3053



69.0005, 0.3327, 0.2996



85.2908, 0.2880, 0.3312



16.6344, 0.3208, 0.3161



11.4163, 0.4759, 0.2395



1.0241, 0.4511, 0.2258

Previews

White Background



This preview shows how the Yxy color 68.3246, 0.3283, 0.3053 looks on a white background.

Color Contrast Check

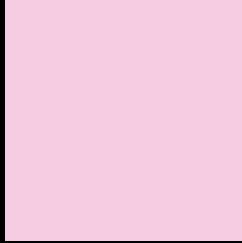
Large Text (above 18pt) WCAG AA × Fail

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 68.3246, 0.3283, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

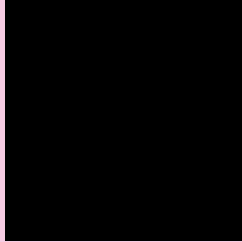
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3246, 0.3283, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 68.3246, 0.3283, 0.3053.



This preview shows how white text looks on a background with the Yxy color 68.3246, 0.3283, 0.3053.

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

68.3246, 0.3283, 0.3053

Protanopia

68.4234, 0.3008, 0.3082

Deuteranopia

68.2477, 0.3180, 0.3109



Tritanopia

68.2956, 0.3318, 0.3124

Trichromacy



Original Color

68.3246, 0.3283, 0.3053

Protanomaly

68.0315, 0.3101, 0.3065

Deuteranomaly

68.1212, 0.3219, 0.3090

Tritanomaly

68.4028, 0.3304, 0.3104

Monochromacy



Original Color

68.3246, 0.3283, 0.3053

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0251, 0.3182, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3246, 0.3283, 0.3053 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(246, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 204, 227)  
}
```

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(246, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 204, 227) }
```

Border

The CSS property to change the border of an element to Yxy 68.3246, 0.3283, 0.3053 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(246, 204, 227) }
```

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

```
.border{ border-color:rgb(246, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 204,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3246, 0.3283, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 204, 227) }
```

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

```
.background{ background-color: rgb(246,  
204, 227) }
```

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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