

Converting Colors

$Yxy(69.3390, 0.3306, 0.3051)$

Have a look what the booklet for
Yxy(69.3390, 0.3306, 0.3051)
contains.

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Color

Yxy(69.1112, 0.3306, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	FACCE4
RGB	250, 204, 228
RGB Percent	98%, 80%, 89%
CMY	0.0197, 0.1999, 0.1060
CMYK	0.00, 0.18, 0.09, 0.02
HSL	329°, 82%, 89%
HSV	329°, 18%, 98%
XYZ	75.0104, 69.1112, 82.7701
YIQ	220.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

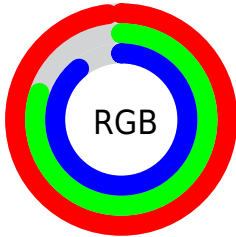
Format	Color
R _Y B	250, 204, 228
Decimal	16436452
CIE Lab	86.56, 19.99, -5.70
CIE LCh	87, 20.792, 344.077
Yxy	69.1112, 0.3306, 0.3046
Android (android.graphics.Color)	4294626532 (0xFFFA <code>CCE4</code>)
YUV	220.4900, 3.7024, 25.8803
Hunter-Lab	83.1331, 15.5761, -0.8379

Details

The Yxy color **69.1112, 0.3306, 0.3046** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6847, 0.2980, 0.3548**, and the grayscale version is **71.8934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1673, 0.3342, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **57.5269, 0.3432, 0.2906**, and if you desaturate by 10%, it is **82.6546, 0.3201, 0.3182**.

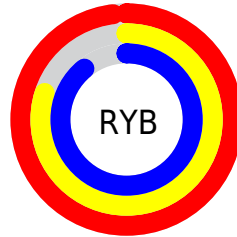
Distribution



Red (98%)

Green (80%)

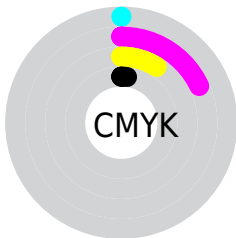
Blue (89%)



Red (98%)

Yellow (80%)

Blue (89%)

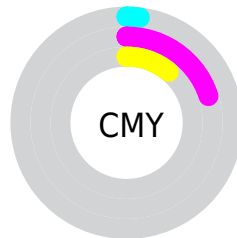


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1112, 0.3306, 0.3046 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 69.1112, 0.3306, 0.3046 by changing the saturation by 10% instead.


 69.1112, 0.3306,
0.3046

 69.1112, 0.3306,
0.3046


457.4231, 0.3224,
0.3158

 50.8023, 0.3325,
0.3021


117.9404, 0.3277,
0.3085

 36.0513, 0.3348,
0.2990


149.2294, 0.3266,
0.3100

 24.4738, 0.3377,
0.2950


185.6140, 0.3257,
0.3113

 15.6855, 0.3416,
0.2900

227.4784, 0.3248,
0.3124

 9.3019, 0.3468,
0.2831

275.2072, 0.3241,
0.3134

 4.9386, 0.3543,
0.2733

329.1846, 0.3235,

 2.2113, 0.3660,

0.3143

0.2582

389.7951, 0.3229,
0.3151

0.7261, 0.3879,
0.2299

0.0000, 1.0000,
0.0000

69.1112, 0.3306,
0.3046

69.1112, 0.3306,
0.3046

57.5269, 0.3432,
0.2906

82.6546, 0.3201,
0.3182

47.8007, 0.3581,
0.2766

98.2336, 0.3114,
0.3310

39.8366, 0.3755,
0.2634

99.0586, 0.3096,
0.3290

33.5262, 0.3954,
0.2519

■ 28.7490, 0.4173,
0.2434

■ 25.3677, 0.4407,
0.2391

■ 23.2203, 0.4643,
0.2401

■ 22.0800, 0.4870,
0.2464

■ 21.9395, 0.4906,
0.2477

Harmonies

Analogous

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



69.1112, 0.3047, 0.2911



69.1112, 0.3306, 0.3046



69.1112, 0.3523, 0.3242

Triad

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



69.1112, 0.3306, 0.3046



69.1112, 0.3432, 0.3738



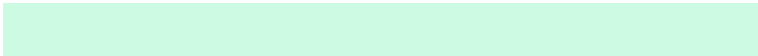
69.1112, 0.2650, 0.3090

Complementary

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



69.1112, 0.3306, 0.3046



86.6847, 0.2980, 0.3548

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.



69.1112, 0.2744, 0.3321



69.1112, 0.3306, 0.3046



69.1112, 0.3191, 0.3710

Square

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



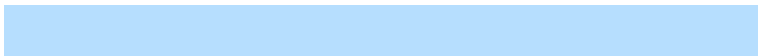
69.1112, 0.3306, 0.3046



69.1112, 0.3595, 0.3640



69.1112, 0.2940, 0.3554



69.1112, 0.2676, 0.2928

Rectangle

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



69.1112, 0.3306, 0.3046



69.1112, 0.3609, 0.3386



69.1112, 0.2940, 0.3554



69.1112, 0.2668, 0.3162

Sweetspot

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



69.1143, 0.3306, 0.3046



90.1610, 0.3179, 0.3213



66.1778, 0.2971, 0.2807



19.0790, 0.3185, 0.3204



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.



69.1143, 0.3306, 0.3046



67.6708, 0.3349, 0.2995



67.9484, 0.3475, 0.3275



17.3764, 0.3212, 0.3167



11.6698, 0.4871, 0.2457



1.1023, 0.4618, 0.2318

Inverse Universe

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



69.1143, 0.3306, 0.3046



67.6708, 0.3349, 0.2995



87.9977, 0.2858, 0.3305



17.3764, 0.3212, 0.3167



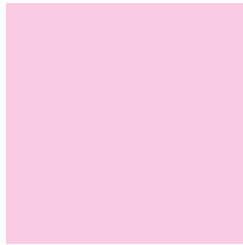
11.6698, 0.4871, 0.2457



1.1023, 0.4618, 0.2318

Previews

White Background



This preview shows how the Yxy color 69.1112, 0.3306, 0.3046 looks on a white background.

Color Contrast Check

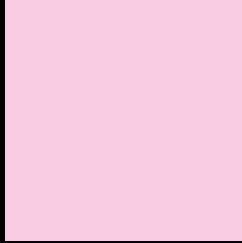
Large Text (above 18pt) WCAG AA × Fail

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 69.1112, 0.3306, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

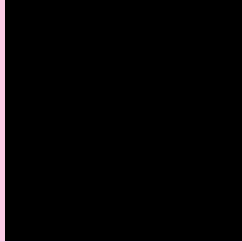
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1112, 0.3306, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 69.1112, 0.3306, 0.3046.



This preview shows how white text looks on a background with the Yxy color 69.1112, 0.3306, 0.3046.

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

69.1112, 0.3306, 0.3046

Protanopia

69.0461, 0.2995, 0.3072

Deuteranopia

68.9629, 0.3180, 0.3110



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

69.1112, 0.3306, 0.3046

Protanomaly

68.9087, 0.3108, 0.3066

Deuteranomaly

69.0085, 0.3226, 0.3091

Tritanomaly

69.1842, 0.3327, 0.3096

Monochromacy



Original Color

69.1112, 0.3306, 0.3046

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4098, 0.3190, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1112, 0.3306, 0.3046 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(250, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 228)  
}
```

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(250, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 228) }
```

Border

The CSS property to change the border of an element to Yxy 69.1112, 0.3306, 0.3046 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(250, 204, 228) }
```

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

```
.border{ border-color:rgb(250, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1112, 0.3306, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 228) }
```

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

```
.background{ background-color: rgb(250,  
204, 228) }
```

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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