

Converting Colors

Yxy(68.4906, 0.3339, 0.3097)

Have a look what the booklet for
Yxy(68.4906, 0.3339, 0.3097)
contains.

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Color

Yxy(68.6532, 0.3335, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	F9CCDF
RGB	249, 204, 223
RGB Percent	98%, 80%, 87%
CMY	0.0236, 0.2000, 0.1253
CMYK	0.00, 0.18, 0.10, 0.02
HSL	335°, 79%, 89%
HSV	335°, 18%, 98%
XYZ	73.9769, 68.6532, 79.1896
YIQ	219.6210, 20.7210, 15.4490

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 204, 223
Decimal	16370911
CIE Lab	86.33, 18.84, -3.42
CIE LCh	86, 19.150, 349.698
Yxy	68.6532, 0.3335, 0.3095
Android (android.graphics.Color)	4294560991 (0xFFF9CCDF)
YUV	219.6210, 1.6658, 25.7654
Hunter-Lab	82.8572, 14.3688, 1.3345

Details

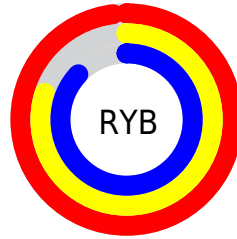
The Yxy color $68.6532, 0.3335, 0.3095$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.2872, 0.2958, 0.3494$, and the grayscale version is $71.2716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.8463, 0.3382, 0.3053$ is the 20% darker color. If you saturate the color by 10%, you get $57.0085, 0.3486, 0.2980$, and if you desaturate by 10%, it is $82.2616, 0.3211, 0.3206$.

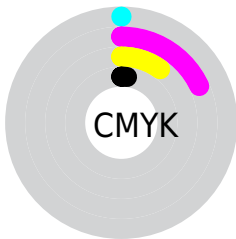
Distribution



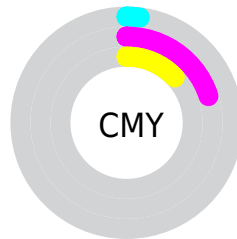
- Red (98%)
- Green (80%)
- Blue (87%)



- Red (98%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6532, 0.3335, 0.3095 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 68.6532, 0.3335, 0.3095 by changing the saturation by 10% instead.

 68.6532, 0.3335,
0.3095

 68.6532, 0.3335,
0.3095


455.8069, 0.3238,
0.3185

 50.4293, 0.3357,
0.3074


117.2861, 0.3301,
0.3126

 35.7546, 0.3385,
0.3049


148.4639, 0.3288,
0.3138

 24.2448, 0.3420,
0.3017


184.7285, 0.3277,
0.3149

 15.5153, 0.3466,
0.2975

226.4643, 0.3267,
0.3158

 9.1818, 0.3528,
0.2918

274.0556, 0.3259,
0.3166

 4.8600, 0.3620,
0.2836


327.8869, 0.3251,


 2.1653, 0.3766,


0.3173


0.2708


388.3425, 0.3244,
0.3179


 0.7010, 0.4049,
0.2448


 0.0000, 1.0000,
0.0000


 68.6532, 0.3335,
0.3095


 68.6532, 0.3335,
0.3095

 57.0085, 0.3486,
0.2980


 82.2616, 0.3211,
0.3206

 47.2270, 0.3666,
0.2866

 97.9098, 0.3109,
0.3310

 39.2131, 0.3880,
0.2757

 98.8757, 0.3090,
0.3290

 32.8589, 0.4128,
0.2665

■ 28.0448, 0.4405,
0.2601

■ 24.6346, 0.4701,
0.2578

■ 22.4679, 0.4997,
0.2607

■ 21.3260, 0.5275,
0.2690

■ 21.1628, 0.5327,
0.2708

Harmonies

Analogous

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



68.6532, 0.3098, 0.2956



68.6532, 0.3335, 0.3095



68.6532, 0.3519, 0.3284

Triad

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



68.6532, 0.3335, 0.3095



68.6532, 0.3371, 0.3707



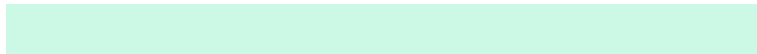
68.6532, 0.2681, 0.3072

Complementary

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



68.6532, 0.3335, 0.3095



86.2872, 0.2958, 0.3494

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.



68.6532, 0.2748, 0.3277



68.6532, 0.3335, 0.3095



68.6532, 0.3142, 0.3657

Square

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



68.6532, 0.3335, 0.3095



68.6532, 0.3539, 0.3638



68.6532, 0.2915, 0.3496



68.6532, 0.2727, 0.2937

Rectangle

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



68.6532, 0.3335, 0.3095



68.6532, 0.3584, 0.3417



68.6532, 0.2915, 0.3496



68.6532, 0.2691, 0.3135

Sweetspot

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



68.6563, 0.3335, 0.3095



91.6685, 0.3178, 0.3238



66.7681, 0.3007, 0.2821



19.3796, 0.3185, 0.3231



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

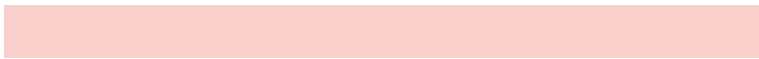
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.6563, 0.3335, 0.3095



67.3690, 0.3391, 0.3050



69.1257, 0.3474, 0.3322



17.3471, 0.3227, 0.3190



11.3573, 0.5287, 0.2686



1.0726, 0.4980, 0.2517

Inverse Universe

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



68.6563, 0.3335, 0.3095



67.3690, 0.3391, 0.3050



85.5767, 0.2853, 0.3258



17.3471, 0.3227, 0.3190



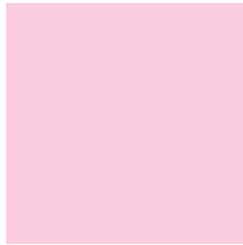
11.3573, 0.5287, 0.2686



1.0726, 0.4980, 0.2517

Previews

White Background



This preview shows how the Yxy color 68.6532, 0.3335, 0.3095 looks on a white background.

Color Contrast Check

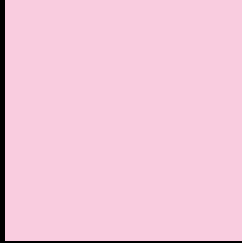
Large Text (above 18pt) WCAG AA × Fail

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 68.6532, 0.3335, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

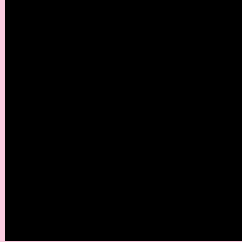
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6532, 0.3335, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 68.6532, 0.3335, 0.3095.



This preview shows how white text looks on a background with the Yxy color 68.6532, 0.3335, 0.3095.

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

68.6532, 0.3335, 0.3095

Protanopia

68.9130, 0.3035, 0.3126

Deuteranopia

69.0293, 0.3230, 0.3163



Tritanopia

68.4928, 0.3358, 0.3126

Trichromacy



Original Color

68.6532, 0.3335, 0.3095

Protanomaly

68.6286, 0.3143, 0.3119

Deuteranomaly

68.9109, 0.3270, 0.3143

Tritanomaly

68.5459, 0.3350, 0.3116

Monochromacy



Original Color

68.6532, 0.3335, 0.3095

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.3025, 0.3204, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6532, 0.3335, 0.3095 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(249, 204, 223)` looks like.

```
.text, #text, p{  
    color:rgb(249, 204, 223)  
}
```

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(249, 204, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 204, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.6532, 0.3335, 0.3095 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(249, 204, 223) }
```

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

```
.border{ border-color:rgb(249, 204, 223) }
```

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

Here you see how a box with a 4 pixel rgb(249, 204, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 204, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 204, 223);  
box-shadow:4px 4px 4px 4px rgb(249, 204,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6532, 0.3335, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 204, 223) }
```

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

```
.background{ background-color: rgb(249,  
204, 223) }
```

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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