

Converting Colors

Yxy(66.9916, 0.3388, 0.3035)

Have a look what the booklet for
Yxy(66.9916, 0.3388, 0.3035)
contains.

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Color

Yxy(66.9759, 0.3390, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6DF
RGB	255, 198, 223
RGB Percent	100%, 78%, 87%
CMY	0.0000, 0.2236, 0.1255
CMYK	0.00, 0.22, 0.13, 0.00
HSL	334°, 100%, 89%
HSV	334°, 22%, 100%
XYZ	74.7607, 66.9759, 78.7965
YIQ	217.8930, 25.9470, 19.8590

Conversions

Conversions Part 2

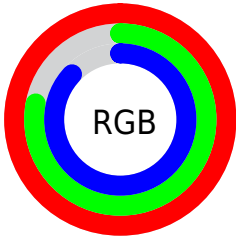
Format	Color
R _Y B	255, 198, 223
Decimal	16762591
CIE Lab	85.49, 24.08, -4.58
CIE LCh	85, 24.512, 349.243
Yxy	66.9759, 0.3390, 0.3037
Android (android.graphics.Color)	4294952671 (0xFFFFC6DF)
YUV	217.8930, 2.5178, 32.5428
Hunter-Lab	81.8388, 19.8440, 0.2013

Details

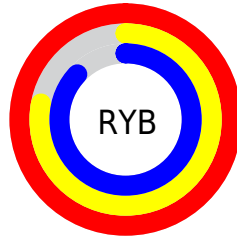
The Yxy color $66.9759, 0.3390, 0.3037$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.2381, 0.2924, 0.3558$, and the grayscale version is $69.9990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.7794, 0.3455, 0.2979$ is the 20% darker color. If you saturate the color by 10%, you get $55.5414, 0.3549, 0.2918$, and if you desaturate by 10%, it is $80.4328, 0.3258, 0.3154$.

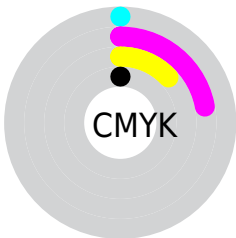
Distribution



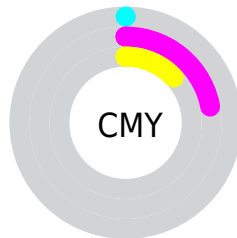
- Red (100%)
- Green (78%)
- Blue (87%)



- Red (100%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9759, 0.3390, 0.3037 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 66.9759, 0.3390, 0.3037 by changing the saturation by 10% instead.


 66.9759, 0.3390,
0.3037

 66.9759, 0.3390,
0.3037


449.8590, 0.3268,
0.3154

 49.0650, 0.3418,
0.3010

114.8859, 0.3347,
0.3077

 34.6711, 0.3453,
0.2978


145.6538, 0.3331,
0.3093

 23.4096, 0.3497,
0.2936


181.4762, 0.3317,
0.3107

 14.8963, 0.3556,
0.2882

222.7374, 0.3304,
0.3119

 8.7466, 0.3636,
0.2808

269.8219, 0.3293,
0.3129

 4.5763, 0.3753,
0.2703


323.1141, 0.3284,

 2.0009, 0.3938,


0.3138


0.2539


382.9983, 0.3275,
0.3146


 0.6080, 0.4320,
0.2172


 0.0000, 1.0000,
0.0000


 66.9759, 0.3390,
0.3037


 66.9759, 0.3390,
0.3037

 55.5414, 0.3549,
0.2918

 80.4328, 0.3258,
0.3154

 46.0373, 0.3738,
0.2800

 96.0129, 0.3150,
0.3265

 38.3526, 0.3960,
0.2694

100.0000, 0.3127,
0.3290

 32.3682, 0.4213,
0.2608

■ 27.9505, 0.4491,
0.2557

■ 24.9455, 0.4780,
0.2553

■ 23.1674, 0.5062,
0.2604

■ 22.4264, 0.5265,
0.2674

Harmonies

Analogous

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



66.9759, 0.3083, 0.2863



66.9759, 0.3390, 0.3037



66.9759, 0.3632, 0.3274

Triad

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



66.9759, 0.3390, 0.3037



66.9759, 0.3443, 0.3831



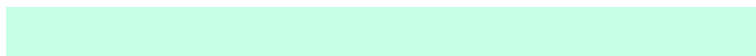
66.9759, 0.2557, 0.3009

Complementary

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



66.9759, 0.3390, 0.3037



89.2381, 0.2924, 0.3558

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.



66.9759, 0.2644, 0.3274



66.9759, 0.3390, 0.3037



66.9759, 0.3148, 0.3772

Square

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



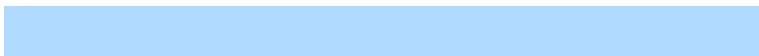
66.9759, 0.3390, 0.3037



66.9759, 0.3660, 0.3733



66.9759, 0.2856, 0.3562



66.9759, 0.2613, 0.2838

Rectangle

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



66.9759, 0.3390, 0.3037



66.9759, 0.3718, 0.3444



66.9759, 0.2856, 0.3562



66.9759, 0.2571, 0.3090

Sweetspot

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



66.9733, 0.3390, 0.3037



88.5066, 0.3197, 0.3214



64.3210, 0.2966, 0.2699



18.7427, 0.3204, 0.3207



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.



66.9733, 0.3390, 0.3037



61.4169, 0.3460, 0.2982



67.0380, 0.3581, 0.3321



18.1194, 0.3225, 0.3186



11.7471, 0.5224, 0.2652



1.1653, 0.4938, 0.2494

Inverse Universe

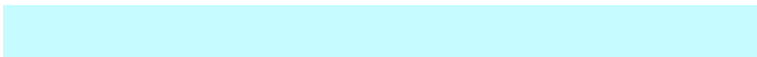
The Inverse Universe completely reimagines the original color for something new.



66.9733, 0.3390, 0.3037



61.4169, 0.3460, 0.2982



88.9399, 0.2792, 0.3259



18.1194, 0.3225, 0.3186



11.7471, 0.5224, 0.2652



1.1653, 0.4938, 0.2494

Previews

White Background



This preview shows how the Yxy color 66.9759, 0.3390, 0.3037 looks on a white background.

Color Contrast Check

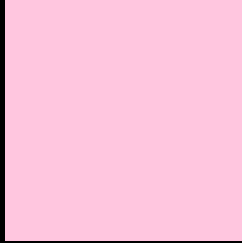
Large Text (above 18pt) WCAG AA × Fail

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 66.9759, 0.3390, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

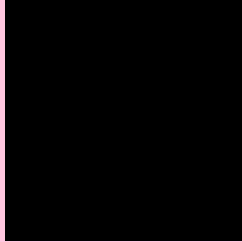
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9759, 0.3390, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 66.9759, 0.3390, 0.3037.



This preview shows how white text looks on a background with the Yxy color 66.9759, 0.3390, 0.3037.

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

66.9759, 0.3390, 0.3037

Protanopia

67.5608, 0.3001, 0.3081

Deuteranopia

66.8350, 0.3210, 0.3140



Tritanopia

66.8240, 0.3442, 0.3127

Trichromacy



Original Color

66.9759, 0.3390, 0.3037

Protanomaly

67.2629, 0.3130, 0.3065

Deuteranomaly

66.9849, 0.3274, 0.3101

Tritanomaly

66.9796, 0.3419, 0.3097

Monochromacy



Original Color

66.9759, 0.3390, 0.3037

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.7448, 0.3213, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9759, 0.3390, 0.3037 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(255, 198, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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(255, 198, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 223) }
```

Border

The CSS property to change the border of an element to Yxy 66.9759, 0.3390, 0.3037 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(255, 198, 223) }
```

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

```
.border{ border-color:rgb(255, 198, 223) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9759, 0.3390, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 223) }
```

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

```
.background{ background-color: rgb(255,  
198, 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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