

Converting Colors

Yxy(73.9831, 0.3308, 0.3090)

Have a look what the booklet for
Yxy(73.9831, 0.3308, 0.3090)
contains.

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Color

Yxy(74.1732, 0.3306, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E8
RGB	255, 212, 232
RGB Percent	100%, 83%, 91%
CMY	0.0002, 0.1685, 0.0903
CMYK	0.00, 0.17, 0.09, 0.00
HSL	332°, 100%, 92%
HSV	332°, 17%, 100%
XYZ	79.3324, 74.1732, 86.4594
YIQ	227.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

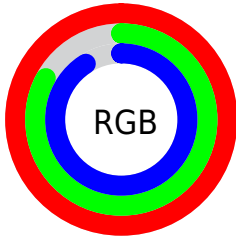
Format	Color
R _Y B	255, 212, 232
Decimal	16766184
CIE Lab	89.00, 18.16, -4.16
CIE LCh	89, 18.634, 347.098
Yxy	74.1732, 0.3306, 0.3091
Android (android.graphics.Color)	4294956264 (0xFFFFD4E8)
YUV	227.1370, 2.3975, 24.4359
Hunter-Lab	86.1239, 13.7074, 0.7657

Details

The Yxy color $74.1732, 0.3306, 0.3091$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.4889, 0.2978, 0.3498$, and the grayscale version is $76.8910, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2543, 0.3352, 0.3047$ is the 20% darker color. If you saturate the color by 10%, you get $61.6726, 0.3443, 0.2966$, and if you desaturate by 10%, it is $88.7532, 0.3193, 0.3212$.

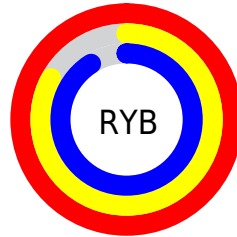
Distribution



Red (100%)

Green (83%)

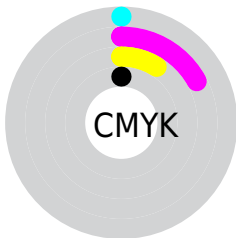
Blue (91%)



Red (100%)

Yellow (83%)

Blue (91%)

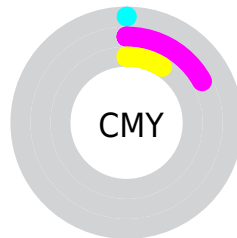


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1732, 0.3306, 0.3091 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 74.1732, 0.3306, 0.3091 by changing the saturation by 10% instead.


 74.1732, 0.3306,
0.3091

 74.1732, 0.3306,
0.3091

475.0709, 0.3224,
0.3181

 54.9358, 0.3324,
0.3071


125.1413, 0.3278,
0.3122

 39.3503, 0.3347,
0.3046


157.6408, 0.3267,
0.3134

 27.0324, 0.3376,
0.3015


195.3298, 0.3257,
0.3145

 17.5975, 0.3413,
0.2974

238.5927, 0.3249,
0.3154

 10.6614, 0.3463,
0.2920

287.8138, 0.3242,
0.3162

 5.8397, 0.3535,
0.2843

343.3777, 0.3235,

 2.7478, 0.3646,

0.3169

0.2727

405.6686, 0.3229,
0.3176

1.0015, 0.3837,
0.2530

0.0000, 0.6646,
0.0000

74.1732, 0.3306,
0.3091

74.1732, 0.3306,
0.3091

61.6726, 0.3443,
0.2966

88.7532, 0.3193,
0.3212

51.1460, 0.3606,
0.2840

99.9909, 0.3127,
0.3290

42.4935, 0.3800,
0.2720

35.6025, 0.4023,
0.2615

■ 30.3483, 0.4273,
0.2537

■ 26.5895, 0.4541,
0.2500

■ 24.1601, 0.4813,
0.2514

■ 22.8508, 0.5074,
0.2584

■ 22.5702, 0.5154,
0.2613

Harmonies

Analogous

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



74.1732, 0.3080, 0.2965



74.1732, 0.3306, 0.3091



74.1732, 0.3487, 0.3268

Triad

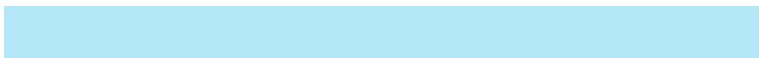
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1732, 0.3306, 0.3091



74.1732, 0.3376, 0.3684



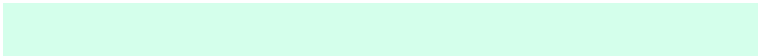
74.1732, 0.2705, 0.3099

Complementary

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



74.1732, 0.3306, 0.3091



91.4889, 0.2978, 0.3498

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.



74.1732, 0.2778, 0.3297



74.1732, 0.3306, 0.3091



74.1732, 0.3161, 0.3646

Square

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



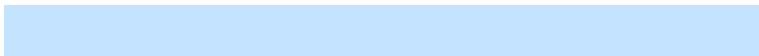
74.1732, 0.3306, 0.3091



74.1732, 0.3527, 0.3610



74.1732, 0.2943, 0.3501



74.1732, 0.2739, 0.2963

Rectangle

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



74.1732, 0.3306, 0.3091



74.1732, 0.3555, 0.3395



74.1732, 0.2943, 0.3501



74.1732, 0.2717, 0.3160

Sweetspot

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



74.1765, 0.3306, 0.3091



91.7014, 0.3174, 0.3233



71.9664, 0.3006, 0.2853



19.3876, 0.3181, 0.3225



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.



74.1765, 0.3306, 0.3091



70.0305, 0.3347, 0.3052



73.8253, 0.3449, 0.3306



18.1276, 0.3221, 0.3180



11.8279, 0.5114, 0.2591



1.1735, 0.4841, 0.2440

Inverse Universe

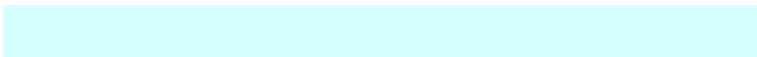
The Inverse Universe completely reimagines the original color for something new.



74.1765, 0.3306, 0.3091



70.0305, 0.3347, 0.3052



91.7981, 0.2871, 0.3275



18.1276, 0.3221, 0.3180



11.8279, 0.5114, 0.2591



1.1735, 0.4841, 0.2440

Previews

White Background



This preview shows how the Yxy color 74.1732, 0.3306, 0.3091 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 74.1732, 0.3306, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

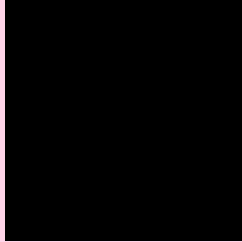
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1732, 0.3306, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 74.1732, 0.3306, 0.3091.



This preview shows how white text looks on a background with the Yxy color 74.1732, 0.3306, 0.3091.

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

74.1732, 0.3306, 0.3091

Protanopia

74.2629, 0.3038, 0.3121

Deuteranopia

74.2725, 0.3213, 0.3146



Tritanopia

74.5056, 0.3326, 0.3130

Trichromacy



Original Color

74.1732, 0.3306, 0.3091

Protanomaly

73.8611, 0.3129, 0.3103

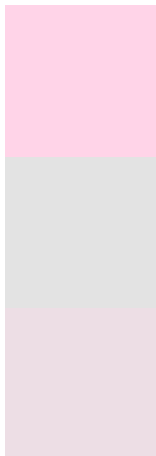
Deuteranomaly

74.1446, 0.3251, 0.3127

Tritanomaly

74.5617, 0.3319, 0.3120

Monochromacy



Original Color

74.1732, 0.3306, 0.3091

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9042, 0.3187, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1732, 0.3306, 0.3091 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, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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(255, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.1732, 0.3306, 0.3091 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, 212, 232) }
```

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

```
.border{ border-color:rgb(255, 212, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1732, 0.3306, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 232) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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