

Converting Colors

$Yxy(74.4964, 0.3324, 0.3126)$

Have a look what the booklet for
Yxy(74.4964, 0.3324, 0.3126)
contains.

Yxy(74.5056, 0.3326, 0.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.5056, 0.3326, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E5
RGB	255, 213, 229
RGB Percent	100%, 84%, 90%
CMY	0.0001, 0.1646, 0.1018
CMYK	0.00, 0.16, 0.10, 0.00
HSL	337°, 100%, 92%
HSV	337°, 16%, 100%
XYZ	79.1711, 74.5056, 84.3603
YIQ	227.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

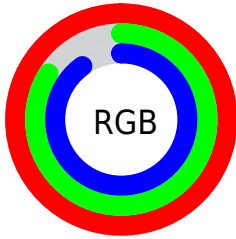
Format	Color
R _Y B	255, 213, 229
Decimal	16766437
CIE Lab	89.16, 17.17, -2.38
CIE LCh	89, 17.334, 352.109
Yxy	74.5056, 0.3326, 0.3130
Android (android.graphics.Color)	4294956517 (0xFFFFD5E5)
YUV	227.3820, 0.7977, 24.2210
Hunter-Lab	86.3166, 12.6692, 2.4754

Details

The Yxy color **74.5056, 0.3326, 0.3130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8759, 0.2963, 0.3456**, and the grayscale version is **77.0928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5155, 0.3370, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **61.8327, 0.3483, 0.3027**, and if you desaturate by 10%, it is **89.2814, 0.3197, 0.3229**.

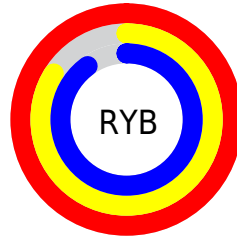
Distribution



Red (100%)

Green (84%)

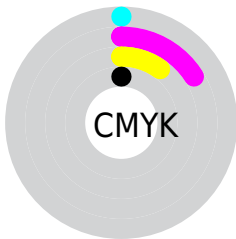
Blue (90%)



Red (100%)

Yellow (84%)

Blue (90%)

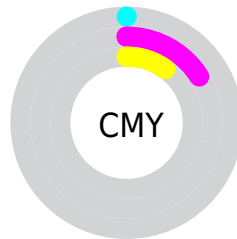


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5056, 0.3326, 0.3130 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 74.5056, 0.3326, 0.3130 by changing the saturation by 10% instead.

 74.5056, 0.3326,
0.3130

 74.5056, 0.3326,
0.3130


476.2165, 0.3235,
0.3203

 55.2080, 0.3347,
0.3114

125.6123, 0.3294,
0.3155

 39.5682, 0.3372,
0.3093

158.1901, 0.3282,
0.3165

 27.2021, 0.3404,
0.3068


195.9634, 0.3272,
0.3174

 17.7250, 0.3446,
0.3035

239.3166, 0.3262,
0.3181

 10.7528, 0.3503,
0.2990

288.6342, 0.3254,
0.3187

 5.9008, 0.3585,
0.2927

344.3004, 0.3247,

 2.7849, 0.3711,

0.3193

0.2830

406.6997, 0.3240,
0.3198

■ 1.0205, 0.3934,
0.2663

■ 0.0000, 0.8353,
0.0000

■ 74.5056, 0.3326,
0.3130

■ 74.5056, 0.3326,
0.3130

■ 61.8327, 0.3483,
0.3027

■ 89.2814, 0.3197,
0.3229

■ 51.1568, 0.3672,
0.2922

99.9936, 0.3127,
0.3290

■ 42.3774, 0.3899,
0.2823

■ 35.3815, 0.4162,
0.2738

■ 30.0441, 0.4460,
0.2678

■ 26.2233, 0.4780,
0.2657

■ 23.7535, 0.5102,
0.2686

■ 22.4280, 0.5401,
0.2768

■ 22.1233, 0.5501,
0.2804

Harmonies

Analogous

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



74.5056, 0.3119, 0.3002



74.5056, 0.3326, 0.3130



74.5056, 0.3482, 0.3300

Triad

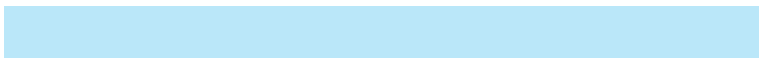
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5056, 0.3326, 0.3130



74.5056, 0.3328, 0.3657



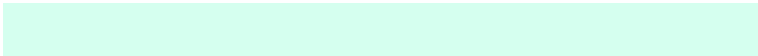
74.5056, 0.2732, 0.3087

Complementary

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



74.5056, 0.3326, 0.3130



91.8759, 0.2963, 0.3456

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.



74.5056, 0.2784, 0.3264



74.5056, 0.3326, 0.3130



74.5056, 0.3124, 0.3604

Square

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



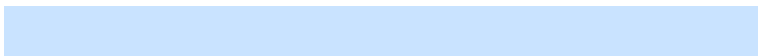
74.5056, 0.3326, 0.3130



74.5056, 0.3481, 0.3606



74.5056, 0.2926, 0.3457



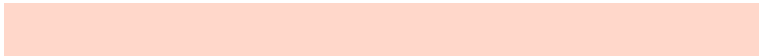
74.5056, 0.2781, 0.2973

Rectangle

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



74.5056, 0.3326, 0.3130



74.5056, 0.3532, 0.3417



74.5056, 0.2926, 0.3457



74.5056, 0.2738, 0.3141

Sweetspot

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



74.5089, 0.3326, 0.3130



91.6359, 0.3181, 0.3243



73.1449, 0.3033, 0.2867



19.3717, 0.3189, 0.3236



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

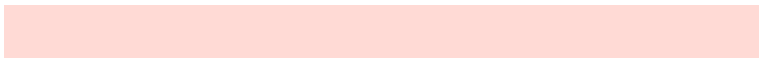
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5089, 0.3326, 0.3130



69.7990, 0.3378, 0.3094



76.1545, 0.3434, 0.3340



18.1019, 0.3234, 0.3200



11.5902, 0.5458, 0.2780



1.1490, 0.5150, 0.2611

Inverse Universe

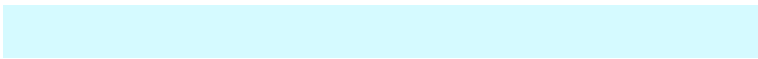
The Inverse Universe completely reimagines the original color for something new.



74.5089, 0.3326, 0.3130



69.7990, 0.3378, 0.3094



89.7822, 0.2875, 0.3239



18.1019, 0.3234, 0.3200



11.5902, 0.5458, 0.2780



1.1490, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 74.5056, 0.3326, 0.3130 looks on a white background.

Color Contrast Check

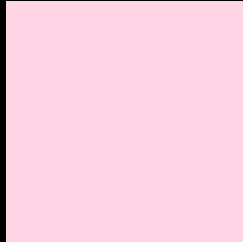
Large Text (above 18pt) WCAG AA × Fail

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 74.5056, 0.3326, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

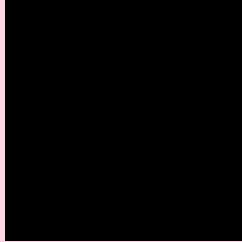
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5056, 0.3326, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 74.5056, 0.3326, 0.3130.

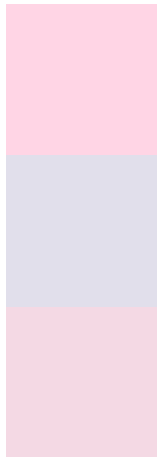


This preview shows how white text looks on a background with the Yxy color 74.5056, 0.3326, 0.3130.

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

74.5056, 0.3326, 0.3130

Protanopia

74.7811, 0.3064, 0.3163

Deuteranopia

74.4602, 0.3248, 0.3177



Tritanopia

74.5617, 0.3319, 0.3120

Trichromacy



Original Color

74.5056, 0.3326, 0.3130

Protanomaly

74.3791, 0.3155, 0.3145

Deuteranomaly

74.6696, 0.3279, 0.3168

Tritanomaly

74.5617, 0.3319, 0.3120

Monochromacy



Original Color

74.5056, 0.3326, 0.3130

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8485, 0.3194, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5056, 0.3326, 0.3130 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, 213, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 229)  
}
```

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, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.5056, 0.3326, 0.3130 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, 213, 229) }
```

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

```
.border{ border-color:rgb(255, 213, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5056, 0.3326, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 229) }
```

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

```
.background{ background-color: rgb(255,  
213, 229) }
```

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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