

Converting Colors

$Yxy(74.1641, 0.3471, 0.3335)$

Have a look what the booklet for
Yxy(74.1641, 0.3471, 0.3335)
contains.

Yxy(74.0063, 0.3463, 0.3332)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0063, 0.3463, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D2
RGB	255, 214, 210
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1607, 0.1766
CMYK	0.00, 0.16, 0.18, 0.00
HSL	5°, 100%, 91%
HSV	5°, 18%, 100%
XYZ	76.9159, 74.0063, 71.1855
YIQ	225.8030, 25.7200, 7.4480

Conversions

Conversions Part 2

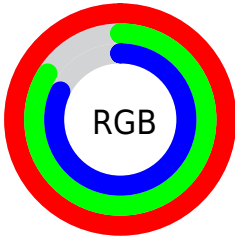
Format	Color
R _Y B	255, 214, 210
Decimal	16766674
CIE Lab	88.93, 13.67, 7.32
CIE LCh	89, 15.512, 28.170
Yxy	74.0063, 0.3463, 0.3332
Android (android.graphics.Color)	4294956754 (0xFFFFD6D2)
YUV	225.8030, -7.7909, 25.6058
Hunter-Lab	86.0269, 9.0482, 11.1576

Details

The Yxy color **74.0063, 0.3463, 0.3332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8883, 0.2858, 0.3248**, and the grayscale version is **75.9479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2023, 0.3541, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **61.9129, 0.3716, 0.3358**, and if you desaturate by 10%, it is **87.9833, 0.3258, 0.3308**.

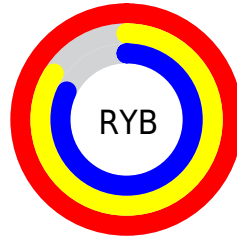
Distribution



Red (100%)

Green (84%)

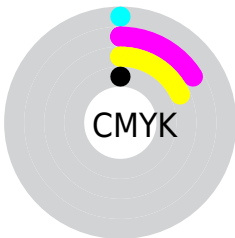
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

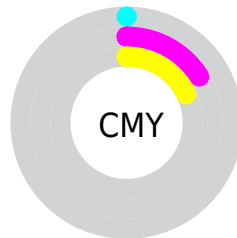


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0063, 0.3463, 0.3332 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 74.0063, 0.3463, 0.3332 by changing the saturation by 10% instead.


 74.0063, 0.3463,
0.3332

 74.0063, 0.3463,
0.3332

474.4951, 0.3307,
0.3315

 54.7992, 0.3499,
0.3335


124.9047, 0.3409,
0.3326

 39.2410, 0.3543,
0.3339


157.3649, 0.3388,
0.3324

 26.9472, 0.3600,
0.3344


195.0114, 0.3369,
0.3322

 17.5336, 0.3673,
0.3349

238.2289, 0.3354,
0.3320

 10.6157, 0.3775,
0.3356

287.4016, 0.3340,
0.3319

 5.8090, 0.3921,
0.3362

342.9139, 0.3328,

 2.7293, 0.4152,

0.3317

0.3365

405.1503, 0.3317,
0.3316

0.9921, 0.4647,
0.3413

0.0000, 1.0000,
0.0000

74.0063, 0.3463,
0.3332

74.0063, 0.3463,
0.3332

61.9129, 0.3716,
0.3358

87.9833, 0.3258,
0.3308

51.6131, 0.4026,
0.3383

99.9996, 0.3127,
0.3290

43.0244, 0.4397,
0.3407

36.0540, 0.4824,
0.3423

■ 30.6002, 0.5283,
0.3429

■ 26.5498, 0.5726,
0.3418

■ 23.7737, 0.6088,
0.3389

■ 22.1174, 0.6312,
0.3348

■ 21.8668, 0.6348,
0.3341

Harmonies

Analogous

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



74.0063, 0.3339, 0.3175



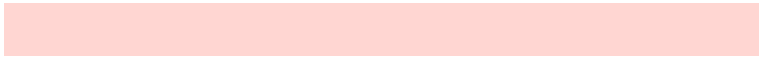
74.0063, 0.3463, 0.3332



74.0063, 0.3494, 0.3483

Triad

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



74.0063, 0.3463, 0.3332



74.0063, 0.3087, 0.3549



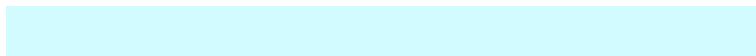
74.0063, 0.2836, 0.2993

Complementary

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



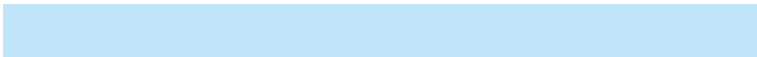
74.0063, 0.3463, 0.3332



89.8883, 0.2858, 0.3248

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.



74.0063, 0.2773, 0.3082



74.0063, 0.3463, 0.3332



74.0063, 0.2916, 0.3406

Square

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



74.0063, 0.3463, 0.3332



74.0063, 0.3273, 0.3616



74.0063, 0.2802, 0.3233



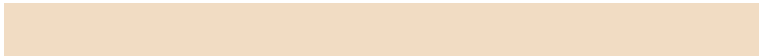
74.0063, 0.2975, 0.2983

Rectangle

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



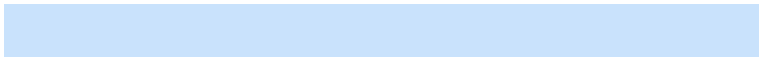
74.0063, 0.3463, 0.3332



74.0063, 0.3457, 0.3562



74.0063, 0.2802, 0.3233



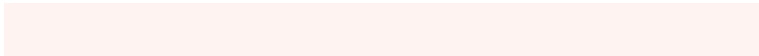
74.0063, 0.2805, 0.3015

Sweetspot

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



74.0096, 0.3463, 0.3332



92.0225, 0.3210, 0.3301



74.3205, 0.3173, 0.2886



19.4651, 0.3222, 0.3303



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.



74.0096, 0.3463, 0.3332



69.7615, 0.3542, 0.3341



86.0395, 0.3425, 0.3553



18.2487, 0.3292, 0.3312



11.5142, 0.6334, 0.3353



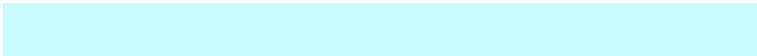
1.2057, 0.6199, 0.3460

Inverse Universe

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



89.8883, 0.2858, 0.3248



88.1954, 0.2810, 0.3239



76.8092, 0.2846, 0.3012



20.1865, 0.2980, 0.3268



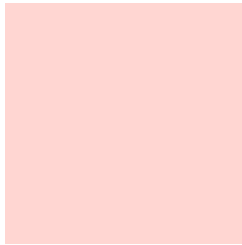
34.0858, 0.2168, 0.3006



3.3970, 0.2178, 0.3041

Previews

White Background



This preview shows how the Yxy color 74.0063, 0.3463, 0.3332 looks on a white background.

Color Contrast Check

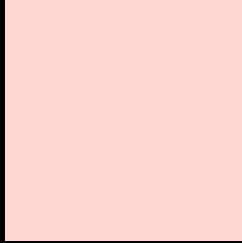
Large Text (above 18pt) WCAG AA × Fail

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 74.0063, 0.3463, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

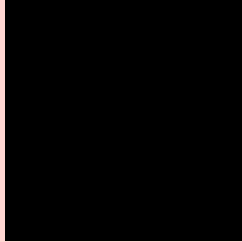
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

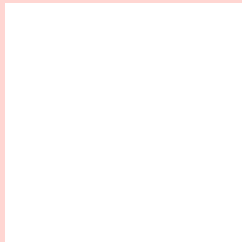
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0063, 0.3463, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 74.0063, 0.3463, 0.3332.

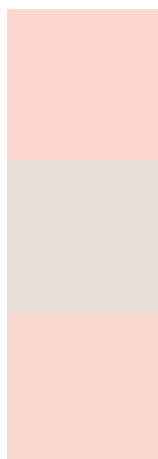


This preview shows how white text looks on a background with the Yxy color 74.0063, 0.3463, 0.3332.

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

74.0063, 0.3463, 0.3332

Protanopia

74.5046, 0.3230, 0.3376

Deuteranopia

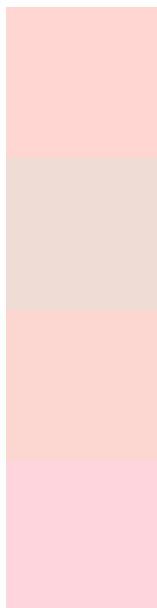
74.0889, 0.3422, 0.3353



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

74.0063, 0.3463, 0.3332

Protanomaly

74.3412, 0.3312, 0.3364

Deuteranomaly

73.9495, 0.3438, 0.3342

Tritanomaly

74.0690, 0.3384, 0.3210

Monochromacy



Original Color

74.0063, 0.3463, 0.3332

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4144, 0.3248, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0063, 0.3463, 0.3332 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, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 210)  
}
```

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, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.0063, 0.3463, 0.3332 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, 214, 210) }
```

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

```
.border{ border-color:rgb(255, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0063, 0.3463, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 210) }
```

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

```
.background{ background-color: rgb(255,  
214, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor