

Converting Colors

$Y_{xy}(72.9582, 0.4257, 0.3360)$

Have a look what the booklet for
Yxy(72.9582, 0.4257, 0.3360)
contains.

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Color

Yxy(60.0553, 0.3774, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB3
RGB	255, 187, 179
RGB Percent	100%, 73%, 70%
CMY	0.0002, 0.2666, 0.2981
CMYK	0.00, 0.27, 0.30, 0.00
HSL	6°, 100%, 85%
HSV	6°, 30%, 100%
XYZ	67.1353, 60.0553, 50.6983
YIQ	206.4200, 43.0960, 11.9280

Conversions

Conversions Part 2

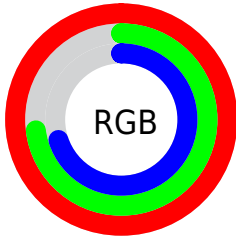
Format	Color
R _Y B	255, 188, 179
Decimal	16759731
CIE Lab	81.87, 23.44, 13.72
CIE LCh	82, 27.163, 30.345
Yxy	60.0553, 0.3774, 0.3376
Android (android.graphics.Color)	4294949811 (0xFFFFBBB3)
YUV	206.4200, -13.5181, 42.6047
Hunter-Lab	77.4954, 19.0201, 15.4586

Details

The Yxy color **60.0553, 0.3774, 0.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2790, 0.2686, 0.3202**, and the grayscale version is **62.0728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3593, 0.3255, 0.3368**, and **30.1517, 0.3951, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **50.2000, 0.4093, 0.3406**, and if you desaturate by 10%, it is **71.6429, 0.3511, 0.3346**.

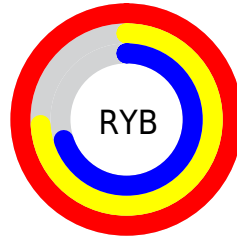
Distribution



Red (100%)

Green (73%)

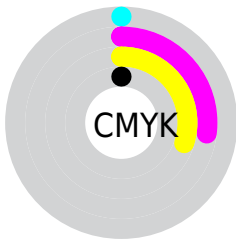
Blue (70%)



Red (100%)

Yellow (74%)

Blue (70%)

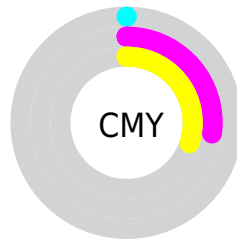


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0553, 0.3774, 0.3376 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 60.0553, 0.3774, 0.3376 by changing the saturation by 10% instead.


 60.0553, 0.3774,
0.3376

 60.0553, 0.3774,
0.3376

424.8016, 0.3461,
0.3343

 43.4632, 0.3849,
0.3382


 104.9099, 0.3663,
0.3366

 30.2487, 0.3943,
0.3388


133.9412, 0.3620,
0.3361

 20.0275, 0.4065,
0.3394


167.8876, 0.3584,
0.3358

 12.4150, 0.4229,
0.3398

207.1337, 0.3553,
0.3354

 7.0270, 0.4459,
0.3397

252.0637, 0.3525,
0.3351

 3.4790, 0.4806,
0.3381

303.0621, 0.3501,

 1.3866, 0.5477,

0.3348

0.3376

360.5133, 0.3480,
0.3345

0.2068, 0.7880,
0.2120

0.0000, 0.0000,
0.0000

60.0553, 0.3774,
0.3376

60.0553, 0.3774,
0.3376

50.2000, 0.4093,
0.3406

71.6429, 0.3511,
0.3346

41.9857, 0.4472,
0.3432

85.0317, 0.3297,
0.3317

35.3256, 0.4902,
0.3450

99.9922, 0.3127,
0.3290

30.1214, 0.5357,
0.3453

■ 26.2636, 0.5787,
0.3437

■ 23.6269, 0.6125,
0.3400

■ 22.0566, 0.6330,
0.3354

■ 22.0338, 0.6333,
0.3353

Harmonies

Analogous

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



60.0553, 0.3546, 0.3094



60.0553, 0.3774, 0.3376



60.0553, 0.3815, 0.3654

Triad

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



60.0553, 0.3774, 0.3376



60.0553, 0.3019, 0.3776



60.0553, 0.2603, 0.2736

Complementary

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



60.0553, 0.3774, 0.3376



83.2790, 0.2686, 0.3202

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.



60.0553, 0.2482, 0.2878



60.0553, 0.3774, 0.3376



60.0553, 0.2712, 0.3484

Square

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



60.0553, 0.3774, 0.3376



60.0553, 0.3368, 0.3913



60.0553, 0.2520, 0.3147



60.0553, 0.2863, 0.2736

Rectangle

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



60.0553, 0.3774, 0.3376



60.0553, 0.3732, 0.3802



60.0553, 0.2520, 0.3147



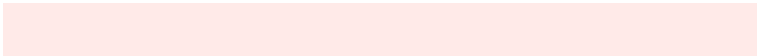
60.0553, 0.2546, 0.2767

Sweetspot

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



60.0581, 0.3774, 0.3376



86.2060, 0.3282, 0.3314



60.2286, 0.3220, 0.2614



18.0053, 0.3310, 0.3318



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.



60.0581, 0.3774, 0.3376



53.7616, 0.3965, 0.3395



78.1270, 0.3662, 0.3756



18.2959, 0.3292, 0.3316



11.6168, 0.6317, 0.3366



1.2279, 0.6165, 0.3487

Inverse Universe

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



83.2790, 0.2686, 0.3202



80.5121, 0.2605, 0.3181



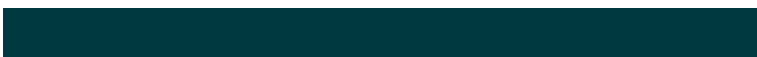
62.5888, 0.2638, 0.2774



20.1340, 0.2980, 0.3264



32.9115, 0.2154, 0.2953



3.2947, 0.2165, 0.2995

Previews

White Background



This preview shows how the Yxy color 60.0553, 0.3774, 0.3376 looks on a white background.

Color Contrast Check

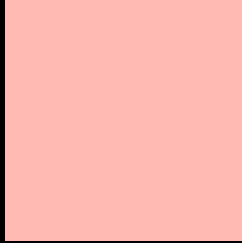
Large Text (above 18pt) WCAG AA × Fail

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 60.0553, 0.3774, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

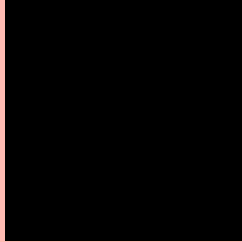
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0553, 0.3774, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 60.0553, 0.3774, 0.3376.



This preview shows how white text looks on a background with the Yxy color 60.0553, 0.3774, 0.3376.

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

60.0553, 0.3774, 0.3376

Protanopia

60.1486, 0.3307, 0.3478

Deuteranopia

59.9778, 0.3579, 0.3503



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

60.0553, 0.3774, 0.3376

Protanomaly

59.7241, 0.3471, 0.3438

Deuteranomaly

60.0551, 0.3647, 0.3455

Tritanomaly

60.1394, 0.3674, 0.3239

Monochromacy



Original Color

60.0553, 0.3774, 0.3376

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.6797, 0.3349, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0553, 0.3774, 0.3376 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, 187, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 179)  
}
```

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, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.0553, 0.3774, 0.3376 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, 187, 179) }
```

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

```
.border{ border-color:rgb(255, 187, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0553, 0.3774, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 179) }
```

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

```
.background{ background-color: rgb(255,  
187, 179) }
```

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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