

Converting Colors

$Y_{xy}(76.4281, 0.3472, 0.3406)$

Have a look what the booklet for
Yxy(76.4281, 0.3472, 0.3406)
contains.

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Color

Yxy(76.4771, 0.3468, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBD0
RGB	255, 219, 208
RGB Percent	100%, 86%, 82%
CMY	0.0002, 0.1411, 0.1844
CMYK	0.00, 0.14, 0.18, 0.00
HSL	14°, 100%, 91%
HSV	14°, 18%, 100%
XYZ	77.9379, 76.4771, 70.3194
YIQ	228.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

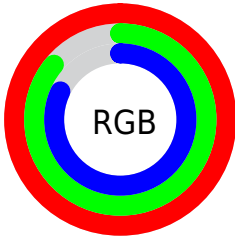
Format	Color
R _Y B	255, 222, 208
Decimal	16767952
CIE Lab	90.08, 10.75, 10.02
CIE LCh	90, 14.697, 42.988
Yxy	76.4771, 0.3468, 0.3403
Android (android.graphics.Color)	4294958032 (0xFFFFDBD0)
YUV	228.5100, -10.1114, 23.2317
Hunter-Lab	87.4512, 6.0424, 13.5408

Details

The Yxy color **76.4771, 0.3468, 0.3403** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.2616, 0.2843, 0.3174**, and the grayscale version is **78.0352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8898, 0.3547, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **65.7386, 0.3707, 0.3469**, and if you desaturate by 10%, it is **88.6158, 0.3269, 0.3340**.

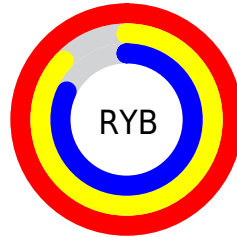
Distribution



Red (100%)

Green (86%)

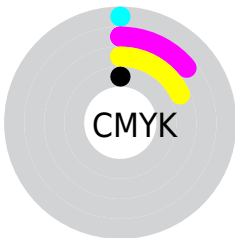
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

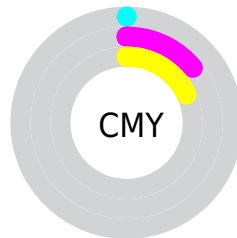


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4771, 0.3468, 0.3403 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 76.4771, 0.3468, 0.3403 by changing the saturation by 10% instead.


 76.4771, 0.3468,
0.3403

 76.4771, 0.3468,
0.3403


482.9793, 0.3310,
0.3353

 56.8238, 0.3504,
0.3414


128.4011, 0.3413,
0.3386

 40.8638, 0.3548,
0.3427


161.4406, 0.3392,
0.3380

 28.2127, 0.3604,
0.3442


199.7109, 0.3374,
0.3374

 18.4860, 0.3678,
0.3462

243.5965, 0.3358,
0.3369

 11.2995, 0.3777,
0.3488

293.4818, 0.3344,
0.3364

 6.2687, 0.3920,
0.3521

349.7511, 0.3331,

 3.0091, 0.4142,

0.3360

0.3566

412.7888, 0.3320,
0.3357

■ 1.1365, 0.4625,
0.3700

■ 0.0089, 0.9682,
0.0318

■ 76.4771, 0.3468,
0.3403

■ 76.4771, 0.3468,
0.3403

■ 65.7386, 0.3707,
0.3469

■ 88.6158, 0.3269,
0.3340

■ 56.3395, 0.3992,
0.3535

99.9880, 0.3127,
0.3290

■ 48.2293, 0.4325,
0.3595

■ 41.3509, 0.4700,
0.3643

■ 35.6423, 0.5102,
0.3667

■ 31.0361, 0.5500,
0.3658

■ 27.4572, 0.5847,
0.3607

■ 24.8177, 0.6104,
0.3521

■ 24.4760, 0.6139,
0.3508

Harmonies

Analogous

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



76.4771, 0.3392, 0.3254



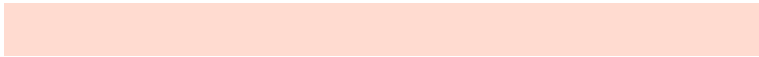
76.4771, 0.3468, 0.3403



76.4771, 0.3449, 0.3528

Triad

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



76.4771, 0.3468, 0.3403



76.4771, 0.3006, 0.3473



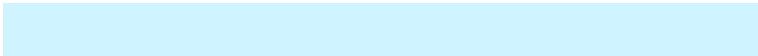
76.4771, 0.2911, 0.2997

Complementary

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



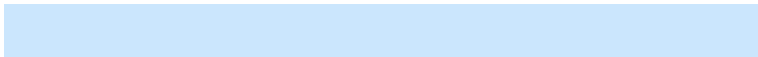
76.4771, 0.3468, 0.3403



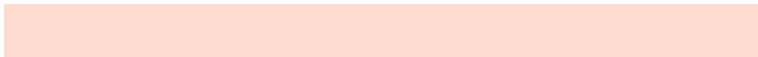
85.2616, 0.2843, 0.3174

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.



76.4771, 0.2814, 0.3046



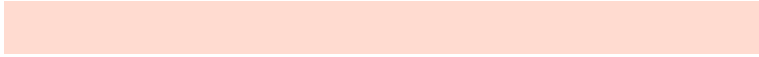
76.4771, 0.3468, 0.3403



76.4771, 0.2868, 0.3319

Square

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



76.4771, 0.3468, 0.3403



76.4771, 0.3179, 0.3575



76.4771, 0.2798, 0.3162



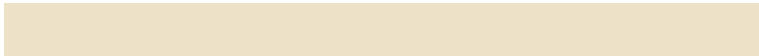
76.4771, 0.3068, 0.3024

Rectangle

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



76.4771, 0.3468, 0.3403



76.4771, 0.3386, 0.3581



76.4771, 0.2798, 0.3162



76.4771, 0.2871, 0.3005

Sweetspot

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



76.4805, 0.3468, 0.3403



91.8136, 0.3226, 0.3325



72.8844, 0.3224, 0.2934



19.4679, 0.3237, 0.3329



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.



76.4805, 0.3468, 0.3403



72.5135, 0.3549, 0.3426



89.5543, 0.3427, 0.3633



18.6804, 0.3289, 0.3347



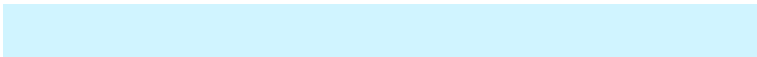
12.9844, 0.6112, 0.3529



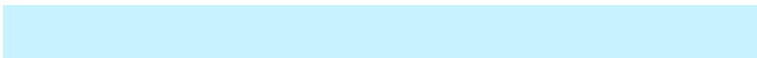
1.4231, 0.5898, 0.3699

Inverse Universe

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



85.2616, 0.2843, 0.3174



82.7365, 0.2789, 0.3149



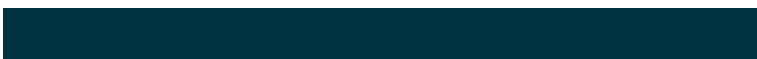
72.0773, 0.2829, 0.2922



19.7145, 0.2980, 0.3233



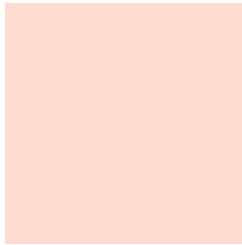
24.4125, 0.2031, 0.2510



2.5435, 0.2058, 0.2609

Previews

White Background



This preview shows how the Yxy color 76.4771, 0.3468, 0.3403 looks on a white background.

Color Contrast Check

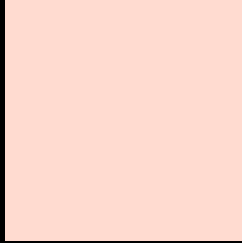
Large Text (above 18pt) WCAG AA × Fail

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 76.4771, 0.3468, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

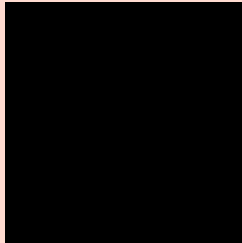
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4771, 0.3468, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 76.4771, 0.3468, 0.3403.

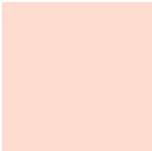
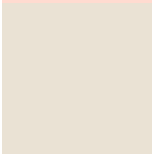
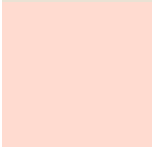


This preview shows how white text looks on a background with the Yxy color 76.4771, 0.3468, 0.3403.

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

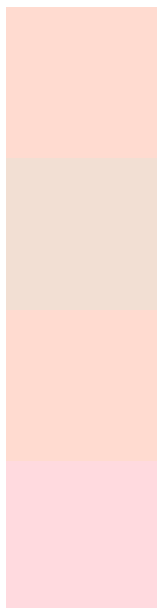
	Original Color 76.4771, 0.3468, 0.3403
	Protanopia 76.6386, 0.3276, 0.3439
	Deuteranopia 76.4771, 0.3468, 0.3403



Tritanopia

76.7119, 0.3301, 0.3141

Trichromacy



Original Color

76.4771, 0.3468, 0.3403

Protanomaly

76.3557, 0.3344, 0.3416

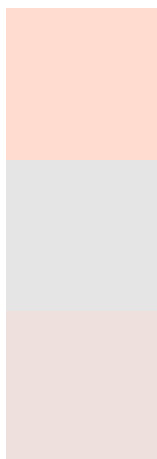
Deuteranomaly

76.4771, 0.3468, 0.3403

Tritanomaly

76.7305, 0.3363, 0.3240

Monochromacy



Original Color

76.4771, 0.3468, 0.3403

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.2480, 0.3245, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4771, 0.3468, 0.3403 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, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 208)  
}
```

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, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 208) }
```

Border

The CSS property to change the border of an element to Yxy 76.4771, 0.3468, 0.3403 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, 219, 208) }
```

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

```
.border{ border-color:rgb(255, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4771, 0.3468, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 208) }
```

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

```
.background{ background-color: rgb(255,  
219, 208) }
```

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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