

Converting Colors

$Y_{xy}(78.6196, 0.3634, 0.3512)$

Have a look what the booklet for
Yxy(78.6196, 0.3634, 0.3512)
contains.

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Color

Yxy(76.4776, 0.3546, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC5
RGB	255, 220, 197
RGB Percent	100%, 86%, 77%
CMY	0.0000, 0.1372, 0.2276
CMYK	0.00, 0.14, 0.23, 0.00
HSL	24°, 100%, 89%
HSV	24°, 23%, 100%
XYZ	76.9114, 76.4776, 63.5072
YIQ	227.8430, 28.2430, 0.2670

Conversions

Conversions Part 2

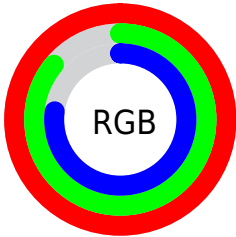
Format	Color
R _Y B	255, 235, 197
Decimal	16768197
CIE Lab	90.08, 8.69, 15.79
CIE LCh	90, 18.025, 61.192
Yxy	76.4776, 0.3546, 0.3526
Android (android.graphics.Color)	4294958277 (0xFFFFDCC5)
YUV	227.8430, -15.2056, 23.8167
Hunter-Lab	87.4515, 3.9462, 18.1597

Details

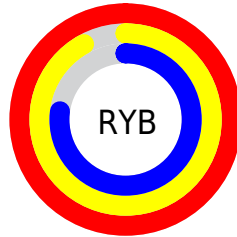
The Yxy color **76.4776, 0.3546, 0.3526** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7741, 0.2770, 0.3041**, and the grayscale version is **77.5580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **40.8992, 0.3649, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **67.7033, 0.3780, 0.3636**, and if you desaturate by 10%, it is **86.1934, 0.3344, 0.3419**.

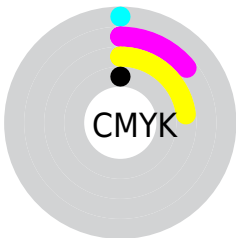
Distribution



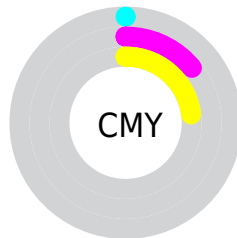
- Red (100%)
- Green (86%)
- Blue (77%)



- Red (100%)
- Yellow (92%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4776, 0.3546, 0.3526 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 76.4776, 0.3546, 0.3526 by changing the saturation by 10% instead.


 76.4776, 0.3546,
0.3526

 76.4776, 0.3546,
0.3526


482.9810, 0.3353,
0.3421

 56.8242, 0.3590,
0.3549


128.4018, 0.3479,
0.3490

 40.8641, 0.3644,
0.3577


161.4414, 0.3453,
0.3476

 28.2129, 0.3713,
0.3611


199.7119, 0.3430,
0.3464

 18.4862, 0.3802,
0.3655

243.5976, 0.3411,
0.3453

 11.2996, 0.3922,
0.3712

293.4830, 0.3394,
0.3444

 6.2688, 0.4092,
0.3787

349.7524, 0.3378,

 3.0092, 0.4352,

0.3435

0.3890

412.7903, 0.3365,
0.3428

■ 1.1365, 0.5198,
0.4375

■ 0.0089, 0.9611,
0.0389

■ 76.4776, 0.3546,
0.3526

■ 76.4776, 0.3546,
0.3526

■ 67.7033, 0.3780,
0.3636

■ 86.1934, 0.3344,
0.3419

■ 59.8384, 0.4047,
0.3744

■ 96.8770, 0.3170,
0.3317

■ 52.8521, 0.4344,
0.3841

100.0000, 0.3127,
0.3290

■ 46.7108, 0.4665,
0.3918

■ 41.3783, 0.4993,
0.3960

■ 36.8149, 0.5305,
0.3955

■ 32.9764, 0.5576,
0.3896

■ 30.6146, 0.5738,
0.3826

Harmonies

Analogous

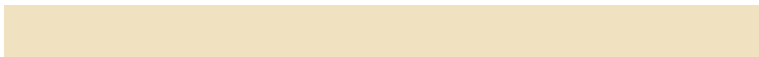
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4776, 0.3523, 0.3355



76.4776, 0.3546, 0.3526



76.4776, 0.3453, 0.3642

Triad

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



76.4776, 0.3546, 0.3526



76.4776, 0.2867, 0.3404



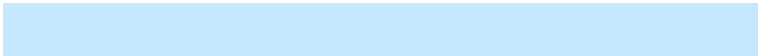
76.4776, 0.2972, 0.2943

Complementary

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



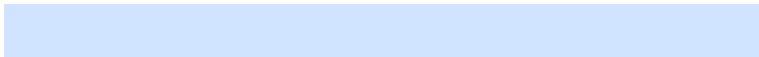
76.4776, 0.3546, 0.3526



76.7741, 0.2770, 0.3041

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.



76.4776, 0.2805, 0.2944



76.4776, 0.3546, 0.3526



76.4776, 0.2747, 0.3203

Square

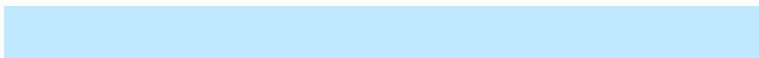
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4776, 0.3546, 0.3526



76.4776, 0.3059, 0.3576



76.4776, 0.2725, 0.3036



76.4776, 0.3185, 0.3027

Rectangle

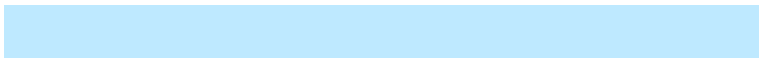
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4776, 0.3546, 0.3526



76.4776, 0.3340, 0.3669



76.4776, 0.2725, 0.3036



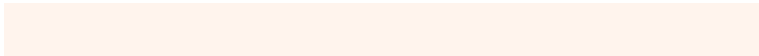
76.4776, 0.2909, 0.2933

Sweetspot

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



76.4783, 0.3546, 0.3526



92.2273, 0.3241, 0.3359



67.0441, 0.3317, 0.2931



19.6018, 0.3251, 0.3365



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.



76.4783, 0.3546, 0.3526



72.6447, 0.3641, 0.3573



92.5651, 0.3486, 0.3798



19.1704, 0.3284, 0.3385



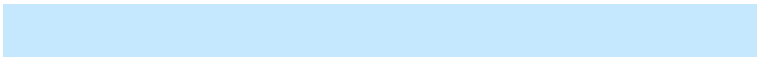
16.2684, 0.5709, 0.3849



1.7902, 0.5500, 0.4015

Inverse Universe

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



76.7741, 0.2770, 0.3041



72.9802, 0.2702, 0.2989



62.1439, 0.2745, 0.2725



19.2001, 0.2979, 0.3193



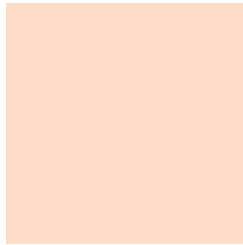
16.1067, 0.1870, 0.1931



1.7818, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 76.4776, 0.3546, 0.3526 looks on a white background.

Color Contrast Check

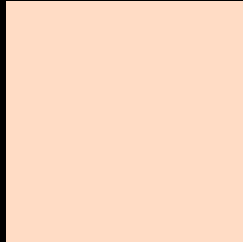
Large Text (above 18pt) WCAG AA × Fail

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 76.4776, 0.3546, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

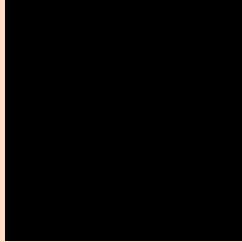
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4776, 0.3546, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 76.4776, 0.3546, 0.3526.



This preview shows how white text looks on a background with the Yxy color 76.4776, 0.3546, 0.3526.

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

76.4776, 0.3546, 0.3526

Protanopia

76.5674, 0.3379, 0.3566

Deuteranopia

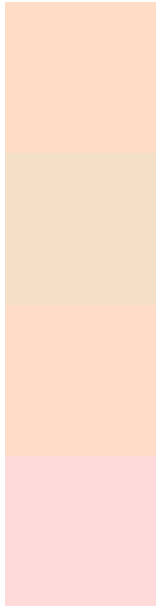
76.7107, 0.3510, 0.3474



Tritanopia

76.6552, 0.3308, 0.3151

Trichromacy



Original Color

76.4776, 0.3546, 0.3526

Protanomaly

76.6679, 0.3441, 0.3552

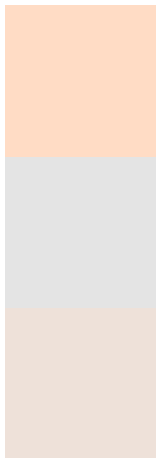
Deuteranomaly

76.6165, 0.3524, 0.3495

Tritanomaly

76.5173, 0.3391, 0.3281

Monochromacy



Original Color

76.4776, 0.3546, 0.3526

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0373, 0.3272, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4776, 0.3546, 0.3526 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, 220, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 197)  
}
```

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, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 197) }
```

Border

The CSS property to change the border of an element to Yxy 76.4776, 0.3546, 0.3526 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, 220, 197) }
```

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

```
.border{ border-color:rgb(255, 220, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4776, 0.3546, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 197) }
```

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

```
.background{ background-color: rgb(255,  
220, 197) }
```

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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