

Converting Colors

$Y_{xy}(81.1563, 0.3466, 0.3527)$

Have a look what the booklet for
Yxy(81.1563, 0.3466, 0.3527)
contains.

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Color

Yxy(80.9654, 0.3466, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FEE4CD
RGB	254, 228, 205
RGB Percent	100%, 89%, 80%
CMY	0.0037, 0.1060, 0.1960
CMYK	0.00, 0.10, 0.19, 0.00
HSL	28°, 96%, 90%
HSV	28°, 19%, 100%
XYZ	79.6554, 80.9654, 69.1986
YIQ	233.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

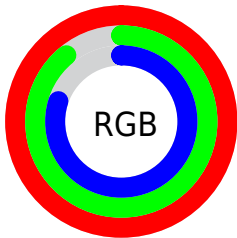
Format	Color
RYB	254, 248, 205
Decimal	16704717
CIELab	92.12, 5.39, 14.45
CIELCh	92, 15.426, 69.557
Yxy	80.9654, 0.3466, 0.3523
Android (android.graphics.Color)	4294894797 (0xFFEE4CD)
YUV	233.1520, -13.8789, 18.2837
Hunter-Lab	89.9808, 0.5507, 17.3903

Details

The Yxy color $80.9654, 0.3466, 0.3523$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.3519, 0.2822, 0.3045$, and the grayscale version is $81.7077, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.9918, 0.3540, 0.3576$ is the 20% darker color. If you saturate the color by 10%, you get $72.6944, 0.3680, 0.3651$, and if you desaturate by 10%, it is $90.0239, 0.3279, 0.3399$.

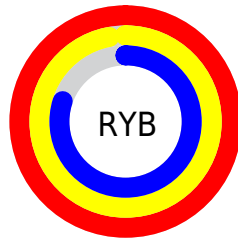
Distribution



Red (100%)

Green (89%)

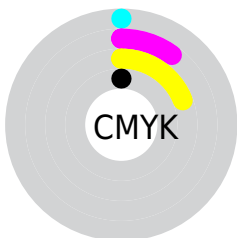
Blue (80%)



Red (100%)

Yellow (97%)

Blue (80%)

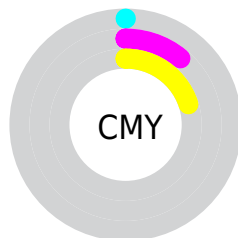


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.9654, 0.3466, 0.3523 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 80.9654, 0.3466, 0.3523 by changing the saturation by 10% instead.


 80.9654, 0.3466,
0.3523

 80.9654, 0.3466,
0.3523


498.1804, 0.3311,
0.3419

 60.5131, 0.3501,
0.3546


134.7222, 0.3413,
0.3488

 43.8323, 0.3543,
0.3574


168.7955, 0.3392,
0.3474

 30.5387, 0.3597,
0.3608


208.1779, 0.3374,
0.3461

 20.2479, 0.3666,
0.3652

253.2538, 0.3358,
0.3451

 12.5753, 0.3759,
0.3710

304.4076, 0.3345,
0.3441

 7.1368, 0.3889,
0.3788

362.0237, 0.3332,

 3.5478, 0.4084,

0.3433

0.3900

426.4865, 0.3321,
0.3426

■ 1.4240, 0.4514,
0.4169

■ 0.2343, 0.6019,
0.3981

■ 80.9654, 0.3466,
0.3523

■ 80.9654, 0.3466,
0.3523

■ 72.6944, 0.3680,
0.3651

■ 90.0239, 0.3279,
0.3399

■ 65.1772, 0.3921,
0.3779

99.8233, 0.3121,
0.3290

■ 58.3934, 0.4187,
0.3899

■ 52.3174, 0.4473,
0.4001

■ 46.9217, 0.4767,
0.4073

■ 42.1763, 0.5051,
0.4101

■ 38.0478, 0.5306,
0.4075

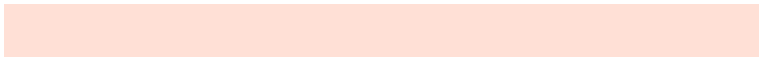
■ 34.4931, 0.5517,
0.3997

■ 34.2645, 0.5531,
0.3991

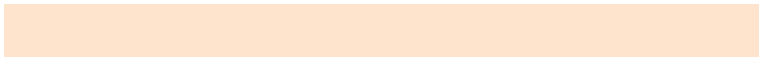
Harmonies

Analogous

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



80.9654, 0.3474, 0.3389



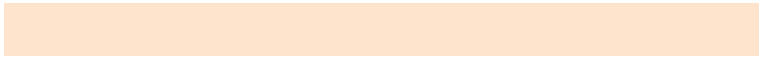
80.9654, 0.3466, 0.3523



80.9654, 0.3365, 0.3599

Triad

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



80.9654, 0.3466, 0.3523



80.9654, 0.2873, 0.3339



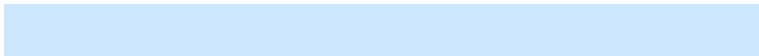
80.9654, 0.3045, 0.3010

Complementary

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



80.9654, 0.3466, 0.3523



77.3519, 0.2822, 0.3045

Split Complementary

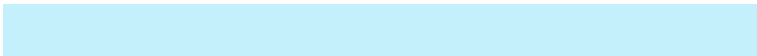
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9654, 0.2889, 0.2990



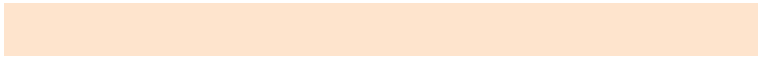
80.9654, 0.3466, 0.3523



80.9654, 0.2792, 0.3175

Square

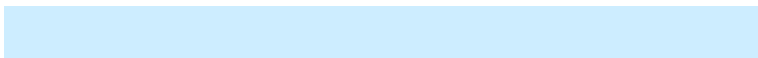
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9654, 0.3466, 0.3523



80.9654, 0.3022, 0.3494



80.9654, 0.2798, 0.3049



80.9654, 0.3227, 0.3098

Rectangle

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



80.9654, 0.3466, 0.3523



80.9654, 0.3260, 0.3604



80.9654, 0.2798, 0.3049



80.9654, 0.2988, 0.2995

Sweetspot

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



80.9690, 0.3466, 0.3523



93.9713, 0.3223, 0.3360



70.5350, 0.3313, 0.3027



19.9771, 0.3234, 0.3367



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.



80.9690, 0.3466, 0.3523



78.4699, 0.3542, 0.3570



95.3840, 0.3422, 0.3757



19.3892, 0.3283, 0.3402



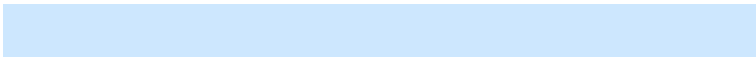
18.3436, 0.5504, 0.4012



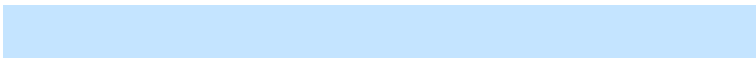
2.0024, 0.5316, 0.4161

Inverse Universe

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



77.3519, 0.2822, 0.3045



74.2376, 0.2762, 0.2992



64.6005, 0.2806, 0.2775



18.9774, 0.2979, 0.3176



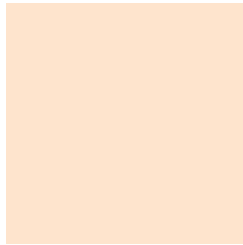
13.2187, 0.1801, 0.1681



1.5059, 0.1855, 0.1878

Previews

White Background



This preview shows how the Yxy color 80.9654, 0.3466, 0.3523 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 80.9654, 0.3466, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

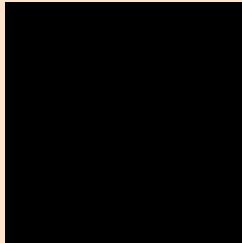
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.9654, 0.3466, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 80.9654, 0.3466, 0.3523.

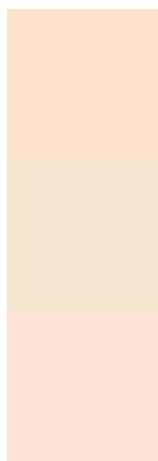


This preview shows how white text looks on a background with the Yxy color 80.9654, 0.3466, 0.3523.

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

80.9654, 0.3466, 0.3523

Protanopia

81.2729, 0.3366, 0.3549

Deuteranopia

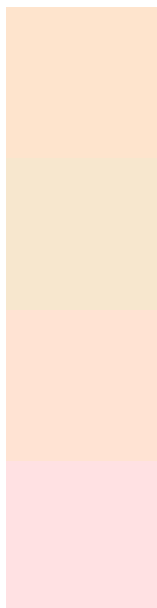
81.1045, 0.3406, 0.3411



Tritanopia

80.8033, 0.3246, 0.3142

Trichromacy



Original Color

80.9654, 0.3466, 0.3523

Protanomaly

81.3822, 0.3403, 0.3547

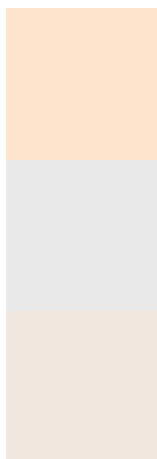
Deuteranomaly

80.9013, 0.3433, 0.3452

Tritanomaly

80.6565, 0.3326, 0.3271

Monochromacy



Original Color

80.9654, 0.3466, 0.3523

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.1803, 0.3247, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9654, 0.3466, 0.3523 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(254, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 205)  
}
```

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(254, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 205) }
```

Border

The CSS property to change the border of an element to Yxy 80.9654, 0.3466, 0.3523 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(254, 228, 205) }
```

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

```
.border{ border-color:rgb(254, 228, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9654, 0.3466, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 205) }
```

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

```
.background{ background-color: rgb(254,  
228, 205) }
```

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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