

Converting Colors

$Yxy(79.0375, 0.3467, 0.3463)$

Have a look what the booklet for
Yxy(79.0375, 0.3467, 0.3463)
contains.

Yxy(79.0763, 0.3466, 0.3463)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.0763, 0.3466, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0CF
RGB	255, 224, 207
RGB Percent	100%, 88%, 81%
CMY	0.0002, 0.1215, 0.1882
CMYK	0.00, 0.12, 0.19, 0.00
HSL	21°, 100%, 91%
HSV	21°, 19%, 100%
XYZ	79.1448, 79.0763, 70.1251
YIQ	231.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

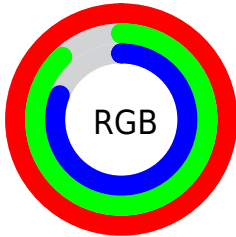
Format	Color
R _Y B	255, 233, 207
Decimal	16769231
CIE _{Lab}	91.27, 8.03, 12.23
CIE _{LCh}	91, 14.631, 56.705
Y _{xy}	79.0763, 0.3466, 0.3463
Android (android.graphics.Color)	4294959311 (0xFFFFE0CF)
YUV	231.3310, -11.9952, 20.7577
Hunter-Lab	88.9249, 3.2499, 15.4920

Details

The Yxy color **79.0763, 0.3466, 0.3463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5922, 0.2834, 0.3110**, and the grayscale version is **80.2470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6816, 0.3543, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **69.5142, 0.3692, 0.3561**, and if you desaturate by 10%, it is **89.7019, 0.3273, 0.3369**.

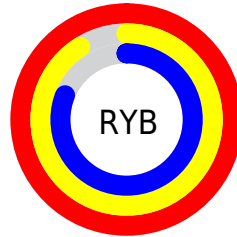
Distribution



Red (100%)

Green (88%)

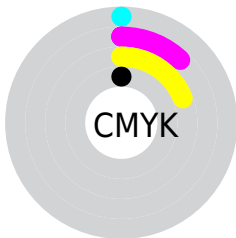
Blue (81%)



Red (100%)

Yellow (91%)

Blue (81%)

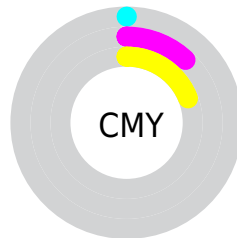


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0763, 0.3466, 0.3463 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 79.0763, 0.3466, 0.3463 by changing the saturation by 10% instead.

 79.0763, 0.3466,
0.3463

 79.0763, 0.3466,
0.3463


491.8144, 0.3310,
0.3386

 58.9585, 0.3501,
0.3480


132.0663, 0.3412,
0.3437

 42.5797, 0.3545,
0.3500

165.7073, 0.3391,
0.3427

 29.5555, 0.3599,
0.3525

204.6248, 0.3373,
0.3418

 19.5015, 0.3670,
0.3557

249.2033, 0.3357,
0.3410

 12.0332, 0.3766,
0.3599

299.8271, 0.3344,
0.3403

 6.7663, 0.3901,
0.3655

356.8806, 0.3331,

 3.3164, 0.4108,

0.3397

0.3734

420.7483, 0.3320,
0.3391

■ 1.2990, 0.4551,
0.3927

■ 0.1405, 0.7012,
0.2988

■ 79.0763, 0.3466,
0.3463

■ 79.0763, 0.3466,
0.3463

■ 69.5142, 0.3692,
0.3561

■ 89.7019, 0.3273,
0.3369

■ 60.9711, 0.3954,
0.3660

99.9907, 0.3127,
0.3290

■ 53.4148, 0.4253,
0.3751

■ 46.8075, 0.4582,
0.3827

■ 41.1085, 0.4930,
0.3875

■ 36.2737, 0.5273,
0.3882

■ 32.2544, 0.5580,
0.3838

■ 28.9917, 0.5827,
0.3746

■ 28.6472, 0.5854,
0.3734

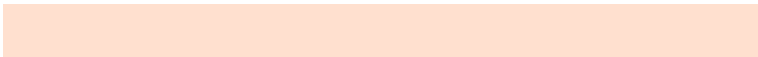
Harmonies

Analogous

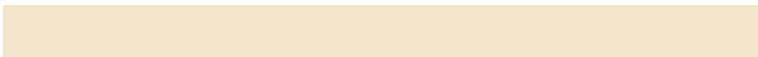
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0763, 0.3433, 0.3322



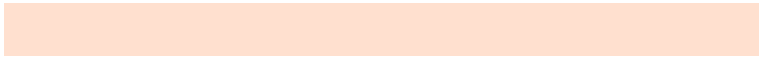
79.0763, 0.3466, 0.3463



79.0763, 0.3405, 0.3563

Triad

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



79.0763, 0.3466, 0.3463



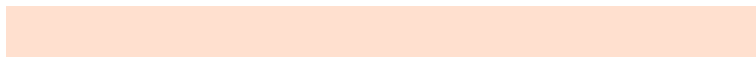
79.0763, 0.2939, 0.3405



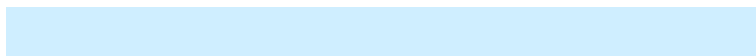
79.0763, 0.2980, 0.3005

Complementary

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



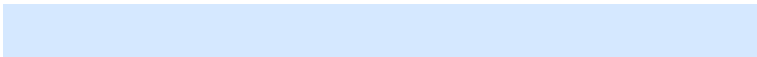
79.0763, 0.3466, 0.3463



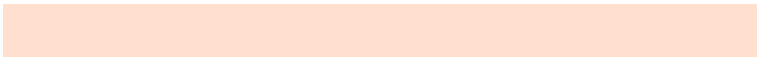
81.5922, 0.2834, 0.3110

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.



79.0763, 0.2853, 0.3018



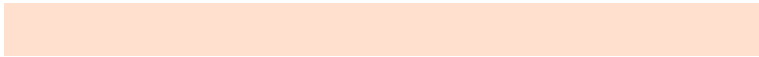
79.0763, 0.3466, 0.3463



79.0763, 0.2830, 0.3245

Square

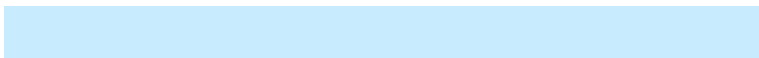
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0763, 0.3466, 0.3463



79.0763, 0.3099, 0.3533



79.0763, 0.2800, 0.3104



79.0763, 0.3148, 0.3063

Rectangle

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



79.0763, 0.3466, 0.3463



79.0763, 0.3321, 0.3591



79.0763, 0.2800, 0.3104



79.0763, 0.2931, 0.3001

Sweetspot

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



79.0799, 0.3466, 0.3463



92.9175, 0.3224, 0.3343



72.0615, 0.3267, 0.2980



19.7283, 0.3235, 0.3349



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.



79.0799, 0.3466, 0.3463



74.9741, 0.3557, 0.3504



92.7425, 0.3424, 0.3693



19.0420, 0.3285, 0.3375



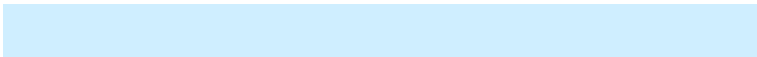
15.2293, 0.5825, 0.3757



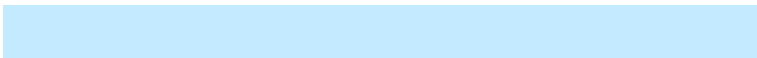
1.6798, 0.5608, 0.3929

Inverse Universe

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



81.5922, 0.2834, 0.3110



77.9518, 0.2768, 0.3066



68.6755, 0.2819, 0.2852



19.3328, 0.2980, 0.3204



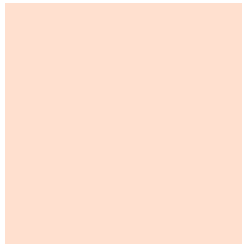
18.0290, 0.1912, 0.2081



1.9616, 0.1954, 0.2235

Previews

White Background



This preview shows how the Yxy color 79.0763, 0.3466, 0.3463 looks on a white background.

Color Contrast Check

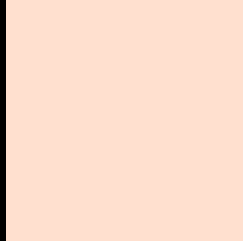
Large Text (above 18pt) WCAG AA × Fail

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 79.0763, 0.3466, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

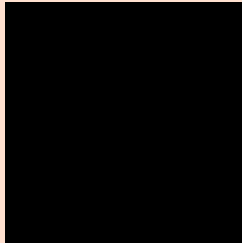
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

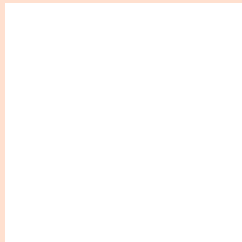
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0763, 0.3466, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 79.0763, 0.3466, 0.3463.

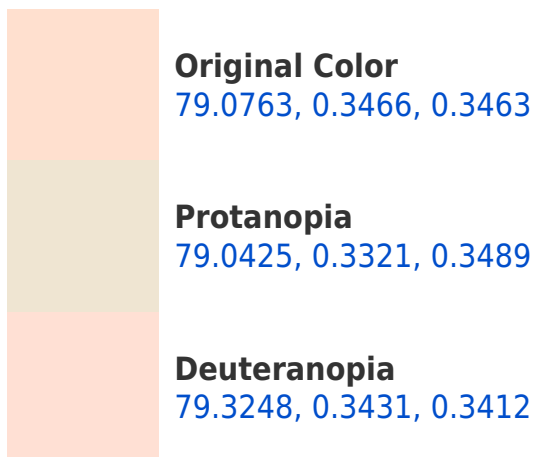


This preview shows how white text looks on a background with the Yxy color 79.0763, 0.3466, 0.3463.

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

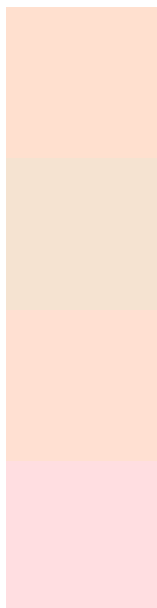




Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

79.0763, 0.3466, 0.3463

Protanomaly

78.9541, 0.3374, 0.3476

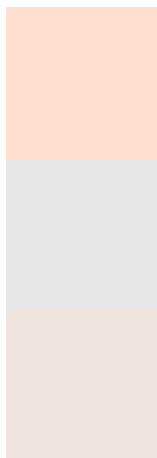
Deuteranomaly

79.2245, 0.3445, 0.3432

Tritanomaly

78.9388, 0.3344, 0.3261

Monochromacy



Original Color

79.0763, 0.3466, 0.3463

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.2860, 0.3250, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0763, 0.3466, 0.3463 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, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 207)  
}
```

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, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 207) }
```

Border

The CSS property to change the border of an element to Yxy 79.0763, 0.3466, 0.3463 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, 224, 207) }
```

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

```
.border{ border-color:rgb(255, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0763, 0.3466, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 207) }
```

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

```
.background{ background-color: rgb(255,  
224, 207) }
```

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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