

Converting Colors

$Y_{xy}(100.0000, 0.4007, 0.3400)$

Have a look what the booklet for
Yxy(100.0000, 0.4007, 0.3400)
contains.

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Color

Yxy(81.0023, 0.3420, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D5
RGB	255, 227, 213
RGB Percent	100%, 89%, 84%
CMY	0.0000, 0.1098, 0.1649
CMYK	0.00, 0.11, 0.16, 0.00
HSL	20°, 100%, 92%
HSV	20°, 16%, 100%
XYZ	80.7191, 81.0023, 74.2993
YIQ	233.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

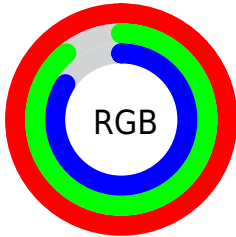
Format	Color
R_{YB}	255, 234, 213
Decimal	16770005
CIE _{Lab}	92.13, 7.41, 10.36
CIE _{LCh}	92, 12.733, 54.434
Yxy	81.0023, 0.3420, 0.3432
Android (android.graphics.Color)	4294960085 (0xFFFFE3D5)
YUV	233.7760, -10.2426, 18.6134
Hunter-Lab	90.0013, 2.5883, 14.0549

Details

The Yxy color **81.0023, 0.3420, 0.3432** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2393, 0.2870, 0.3144**, and the grayscale version is **82.1654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9794, 0.3490, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **70.9736, 0.3640, 0.3524**, and if you desaturate by 10%, it is **92.1509, 0.3233, 0.3344**.

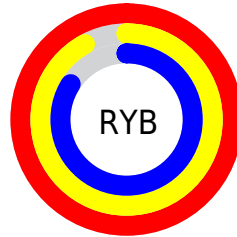
Distribution



Red (100%)

Green (89%)

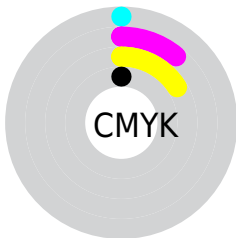
Blue (84%)



Red (100%)

Yellow (92%)

Blue (84%)

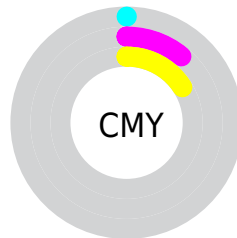


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0023, 0.3420, 0.3432 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 81.0023, 0.3420, 0.3432 by changing the saturation by 10% instead.

 81.0023, 0.3420,
0.3432

 81.0023, 0.3420,
0.3432


498.3043, 0.3286,
0.3369

 60.5435, 0.3450,
0.3446


134.7740, 0.3374,
0.3411

 43.8569, 0.3487,
0.3462


168.8557, 0.3356,
0.3402

 30.5580, 0.3534,
0.3483


208.2471, 0.3340,
0.3395

 20.2625, 0.3594,
0.3509

253.3327, 0.3327,
0.3388

 12.5860, 0.3675,
0.3543

304.4968, 0.3315,
0.3383

 7.1441, 0.3790,
0.3590

362.1238, 0.3304,

 3.5524, 0.3965,

0.3378

0.3655

426.5982, 0.3295,
0.3373

■ 1.4265, 0.4280,
0.3769

■ 0.2361, 0.6318,
0.3682

■ 81.0023, 0.3420,
0.3432

■ 81.0023, 0.3420,
0.3432

■ 70.9736, 0.3640,
0.3524

■ 92.1509, 0.3233,
0.3344

■ 62.0283, 0.3898,
0.3617

100.0000, 0.3127,
0.3290

■ 54.1287, 0.4194,
0.3706

■ 47.2346, 0.4525,
0.3781

■ 41.3030, 0.4879,
0.3832

■ 36.2873, 0.5236,
0.3846

■ 32.1365, 0.5563,
0.3811

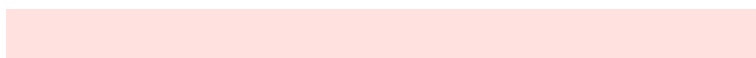
■ 28.7925, 0.5829,
0.3726

■ 27.7913, 0.5909,
0.3690

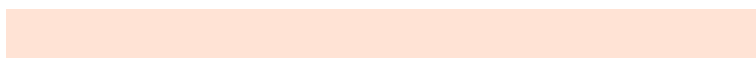
Harmonies

Analogous

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



81.0023, 0.3385, 0.3309



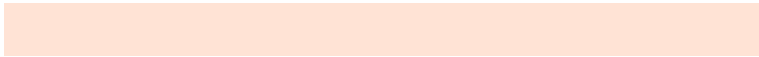
81.0023, 0.3420, 0.3432



81.0023, 0.3374, 0.3522

Triad

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



81.0023, 0.3420, 0.3432



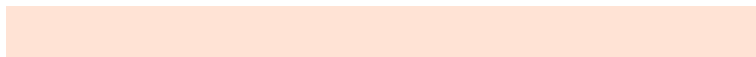
81.0023, 0.2974, 0.3399



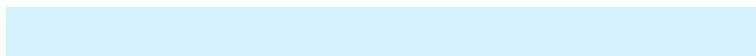
81.0023, 0.2990, 0.3041

Complementary

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



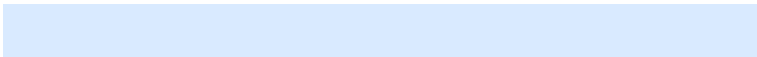
81.0023, 0.3420, 0.3432



84.2393, 0.2870, 0.3144

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.



81.0023, 0.2884, 0.3059



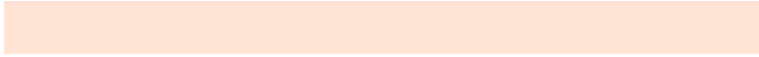
81.0023, 0.3420, 0.3432



81.0023, 0.2875, 0.3263

Square

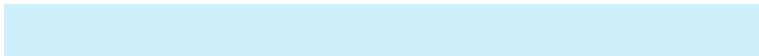
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0023, 0.3420, 0.3432



81.0023, 0.3115, 0.3506



81.0023, 0.2843, 0.3138



81.0023, 0.3134, 0.3087

Rectangle

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



81.0023, 0.3420, 0.3432



81.0023, 0.3304, 0.3549



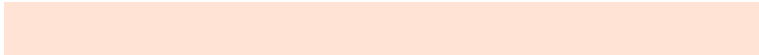
81.0023, 0.2843, 0.3138



81.0023, 0.2949, 0.3040

Sweetspot

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



81.0026, 0.3420, 0.3432



93.9086, 0.3208, 0.3331



75.1750, 0.3242, 0.3013



19.9221, 0.3219, 0.3337



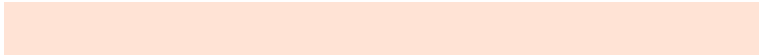
0.0000, 0.0000, 0.0000



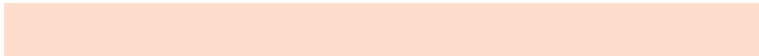
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0026, 0.3420, 0.3432



77.3555, 0.3493, 0.3464



93.1918, 0.3387, 0.3636



18.9788, 0.3286, 0.3370



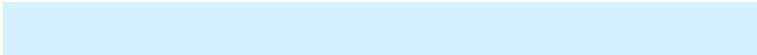
14.7658, 0.5879, 0.3714



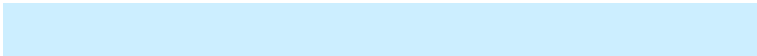
1.6292, 0.5660, 0.3888

Inverse Universe

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



84.2393, 0.2870, 0.3144



81.1811, 0.2816, 0.3109



72.5252, 0.2860, 0.2919



19.3986, 0.2980, 0.3209



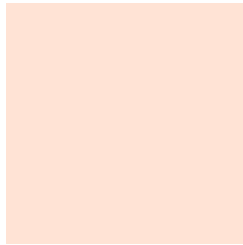
19.0385, 0.1932, 0.2156



2.0550, 0.1972, 0.2300

Previews

White Background



This preview shows how the Yxy color 81.0023, 0.3420, 0.3432 looks on a white background.

Color Contrast Check

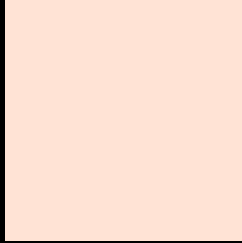
Large Text (above 18pt) WCAG AA × Fail

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 81.0023, 0.3420, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

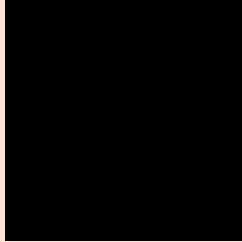
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0023, 0.3420, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 81.0023, 0.3420, 0.3432.

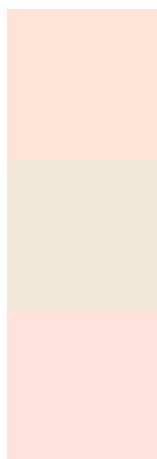


This preview shows how white text looks on a background with the Yxy color 81.0023, 0.3420, 0.3432.

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

81.0023, 0.3420, 0.3432

Protanopia

81.3203, 0.3299, 0.3466

Deuteranopia

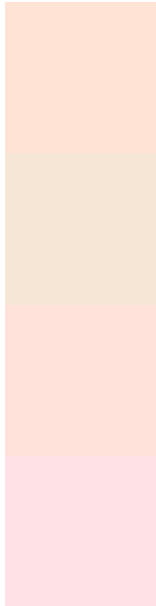
80.7672, 0.3380, 0.3361



Tritanopia

80.8033, 0.3246, 0.3142

Trichromacy



Original Color

81.0023, 0.3420, 0.3432

Protanomaly

81.0415, 0.3343, 0.3454

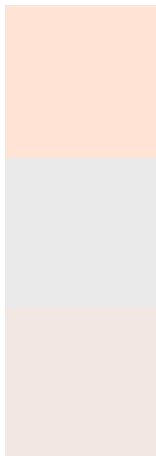
Deuteranomaly

80.6625, 0.3394, 0.3381

Tritanomaly

80.8236, 0.3306, 0.3241

Monochromacy



Original Color

81.0023, 0.3420, 0.3432

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.5201, 0.3235, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0023, 0.3420, 0.3432 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, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 213)  
}
```

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, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 213) }
```

Border

The CSS property to change the border of an element to Yxy 81.0023, 0.3420, 0.3432 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, 227, 213) }
```

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

```
.border{ border-color:rgb(255, 227, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0023, 0.3420, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 213) }
```

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

```
.background{ background-color: rgb(255,  
227, 213) }
```

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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