

Converting Colors

$Yxy(81.0772, 0.3267, 0.3359)$

Have a look what the booklet for
Yxy(81.0772, 0.3267, 0.3359)
contains.

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Color

Yxy(81.1544, 0.3270, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	F4E6DF
RGB	244, 230, 223
RGB Percent	96%, 90%, 87%
CMY	0.0430, 0.0981, 0.1256
CMYK	0.00, 0.06, 0.09, 0.04
HSL	20°, 49%, 92%
HSV	20°, 9%, 96%
XYZ	78.9336, 81.1544, 81.2992
YIQ	233.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

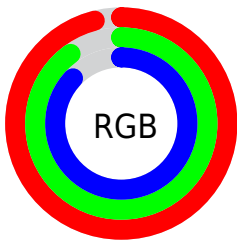
Format	Color
R _Y B	244, 234, 223
Decimal	16049887
CIE Lab	92.20, 3.60, 5.11
CIE LCh	92, 6.249, 54.853
Yxy	81.1544, 0.3270, 0.3362
Android (android.graphics.Color)	4294239967 (0xFFFF4E6DF)
YUV	233.3880, -5.1213, 9.3067
Hunter-Lab	90.0857, -1.2473, 9.5529

Details

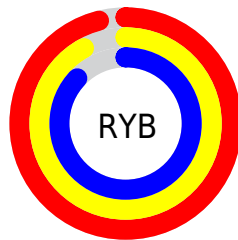
The Yxy color **81.1544, 0.3270, 0.3362** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8058, 0.2993, 0.3217**, and the grayscale version is **81.8317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1785, 0.3303, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **71.2940, 0.3463, 0.3451**, and if you desaturate by 10%, it is **92.0577, 0.3106, 0.3279**.

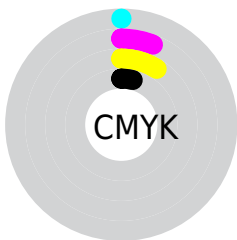
Distribution



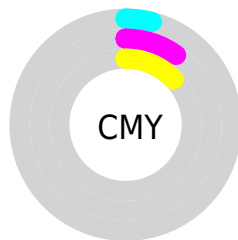
- Red (96%)
- Green (90%)
- Blue (87%)



- Red (96%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1544, 0.3270, 0.3362 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 81.1544, 0.3270, 0.3362 by changing the saturation by 10% instead.

 81.1544, 0.3270,
0.3362

 81.1544, 0.3270,
0.3362

498.8148, 0.3205,
0.3330

 60.6688, 0.3285,
0.3369


134.9875, 0.3248,
0.3351

 43.9579, 0.3303,
0.3378


169.1038, 0.3239,
0.3347

 30.6374, 0.3325,
0.3389


208.5325, 0.3231,
0.3343

 20.3229, 0.3354,
0.3403

253.6579, 0.3225,
0.3340

 12.6300, 0.3394,
0.3421

304.8644, 0.3219,
0.3337

 7.1743, 0.3450,
0.3447

362.5365, 0.3214,

 3.5713, 0.3535,

0.3334

0.3486

427.0585, 0.3209,
0.3332

■ 1.4368, 0.3682,
0.3549

■ 0.2436, 0.5673,
0.4327

■ 81.1544, 0.3270,
0.3362

■ 81.1544, 0.3270,
0.3362

■ 71.2940, 0.3463,
0.3451

■ 92.0577, 0.3106,
0.3279

■ 62.4348, 0.3691,
0.3543

■ 97.9816, 0.3060,
0.3290

■ 54.5476, 0.3956,
0.3635

■ 47.5978, 0.4259,
0.3721

■ 41.5487, 0.4596,
0.3792

■ 36.3607, 0.4953,
0.3836

■ 31.9913, 0.5306,
0.3840

■ 28.3932, 0.5623,
0.3796

■ 25.5098, 0.5877,
0.3704

Harmonies

Analogous

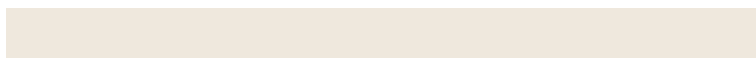
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1544, 0.3254, 0.3301



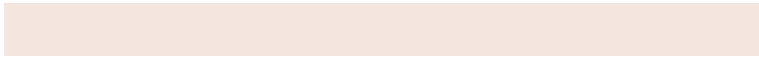
81.1544, 0.3270, 0.3362



81.1544, 0.3247, 0.3404

Triad

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



81.1544, 0.3270, 0.3362



81.1544, 0.3051, 0.3342



81.1544, 0.3061, 0.3167

Complementary

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



81.1544, 0.3270, 0.3362



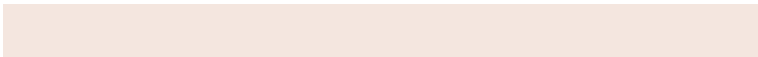
82.8058, 0.2993, 0.3217

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.



81.1544, 0.3008, 0.3176



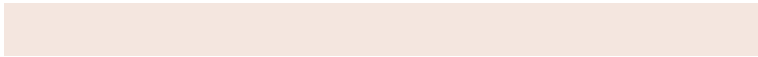
81.1544, 0.3270, 0.3362



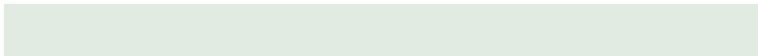
81.1544, 0.3002, 0.3277

Square

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



81.1544, 0.3270, 0.3362



81.1544, 0.3121, 0.3394



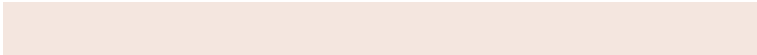
81.1544, 0.2987, 0.3216



81.1544, 0.3132, 0.3190

Rectangle

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



81.1544, 0.3270, 0.3362



81.1544, 0.3214, 0.3416



81.1544, 0.2987, 0.3216



81.1544, 0.3040, 0.3166

Sweetspot

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



81.1580, 0.3270, 0.3362



96.3044, 0.3175, 0.3315



78.1414, 0.3181, 0.3144



20.4055, 0.3188, 0.3321



0.0000, 0.0000, 0.0000



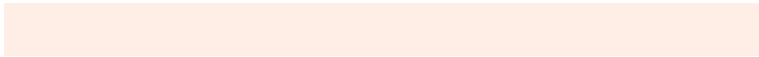
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1580, 0.3270, 0.3362



88.0888, 0.3295, 0.3374



86.9970, 0.3260, 0.3464



17.3839, 0.3285, 0.3369



13.9012, 0.5879, 0.3714



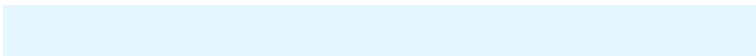
1.4030, 0.5637, 0.3906

Inverse Universe

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



82.8058, 0.2993, 0.3217



90.1822, 0.2972, 0.3205



77.0699, 0.2993, 0.3110



17.7738, 0.2980, 0.3209



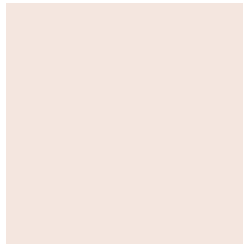
18.0090, 0.1934, 0.2162



1.7712, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 81.1544, 0.3270, 0.3362 looks on a white background.

Color Contrast Check

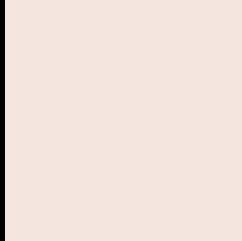
Large Text (above 18pt) WCAG AA × Fail

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 81.1544, 0.3270, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

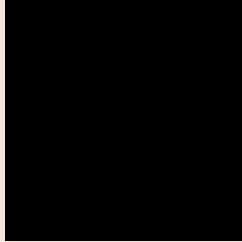
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

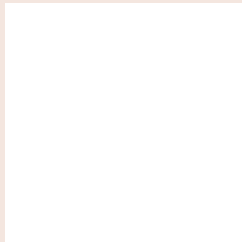
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1544, 0.3270, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 81.1544, 0.3270, 0.3362.

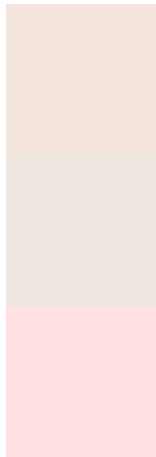


This preview shows how white text looks on a background with the Yxy color 81.1544, 0.3270, 0.3362.

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

81.1544, 0.3270, 0.3362

Protanopia

81.4458, 0.3226, 0.3373

Deuteranopia

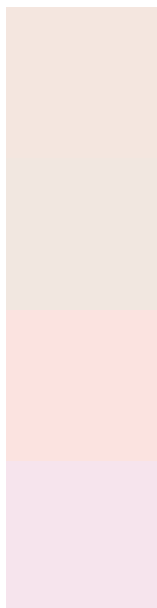
81.0890, 0.3339, 0.3301



Tritanopia

81.3049, 0.3149, 0.3111

Trichromacy



Original Color

81.1544, 0.3270, 0.3362

Protanomaly

81.2344, 0.3241, 0.3362

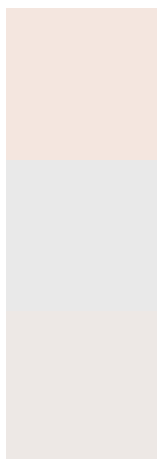
Deuteranomaly

80.8292, 0.3316, 0.3321

Tritanomaly

81.1941, 0.3194, 0.3200

Monochromacy



Original Color

81.1544, 0.3270, 0.3362

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.3749, 0.3180, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1544, 0.3270, 0.3362 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(244, 230, 223)` looks like.

```
.text, #text, p{  
    color:rgb(244, 230, 223)  
}
```

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(244, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 230, 223) }
```

Border

The CSS property to change the border of an element to Yxy 81.1544, 0.3270, 0.3362 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(244, 230, 223) }
```

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

```
.border{ border-color:rgb(244, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(244, 230,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1544, 0.3270, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 230, 223) }
```

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

```
.background{ background-color: rgb(244,  
230, 223) }
```

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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