

Converting Colors

$Y_{xy}(81.3788, 0.3292, 0.3341)$

Have a look what the booklet for
Yxy(81.3788, 0.3292, 0.3341)
contains.

Yxy(81.3769, 0.3292, 0.3341)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.3769, 0.3292, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	F8E5E0
RGB	248, 229, 224
RGB Percent	97%, 90%, 88%
CMY	0.0275, 0.1019, 0.1215
CMYK	0.00, 0.08, 0.10, 0.03
HSL	13°, 63%, 93%
HSV	13°, 10%, 97%
XYZ	80.1834, 81.3769, 82.0102
YIQ	234.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

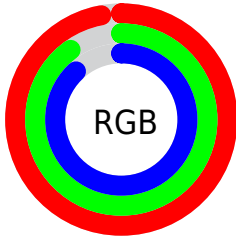
Format	Color
R _Y B	248, 230, 224
Decimal	16311776
CIE Lab	92.30, 5.64, 4.75
CIE LCh	92, 7.375, 40.125
Yxy	81.3769, 0.3292, 0.3341
Android (android.graphics.Color)	4294501856 (0xFF8E5E0)
YUV	234.1110, -4.9847, 12.1807
Hunter-Lab	90.2091, 0.7957, 9.2452

Details

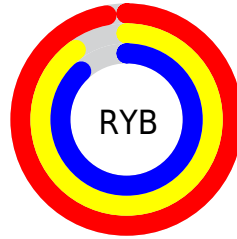
The Yxy color **81.3769, 0.3292, 0.3341** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.7234, 0.2977, 0.3238**, and the grayscale version is **82.4007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3431, 0.3332, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **69.8741, 0.3498, 0.3397**, and if you desaturate by 10%, it is **94.3116, 0.3122, 0.3288**.

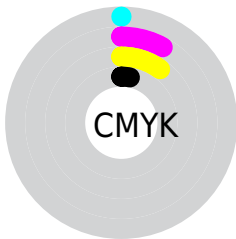
Distribution



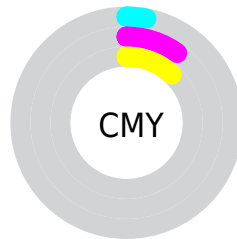
- Red (97%)
- Green (90%)
- Blue (88%)



- Red (97%)
- Yellow (90%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (3%)




- Cyan (3%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3769, 0.3292, 0.3341 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 81.3769, 0.3292, 0.3341 by changing the saturation by 10% instead.


 81.3769, 0.3292,
0.3341

 81.3769, 0.3292,
0.3341

499.5611, 0.3217,
0.3318

 60.8521, 0.3309,
0.3346


135.2999, 0.3266,
0.3333

 44.1058, 0.3330,
0.3352

169.4668, 0.3256,
0.3330

 30.7537, 0.3356,
0.3359


208.9498, 0.3247,
0.3328

 20.4114, 0.3390,
0.3369

254.1334, 0.3240,
0.3325

 12.6944, 0.3435,
0.3381

305.4019, 0.3233,
0.3323

 7.2185, 0.3500,
0.3398

363.1398, 0.3227,

 3.5991, 0.3598,

0.3322

0.3423

427.7314, 0.3222,
0.3320

■ 1.4519, 0.3768,
0.3461

■ 0.2545, 0.5986,
0.4014

■ 81.3769, 0.3292,
0.3341

■ 81.3769, 0.3292,
0.3341

■ 69.8741, 0.3498,
0.3397

■ 94.3116, 0.3122,
0.3288

■ 59.7434, 0.3745,
0.3456

■ 98.6945, 0.3084,
0.3290

■ 50.9362, 0.4041,
0.3514

■ 43.3973, 0.4387,
0.3566

■ 37.0673, 0.4777,
0.3606

■ 31.8821, 0.5191,
0.3622

■ 27.7713, 0.5595,
0.3606

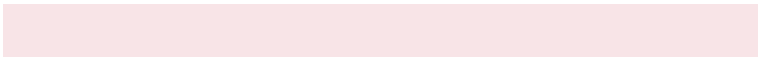
■ 24.6563, 0.5937,
0.3553

■ 22.4412, 0.6181,
0.3471

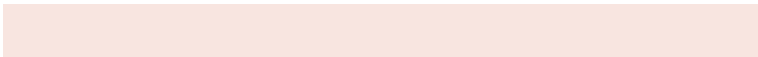
Harmonies

Analogous

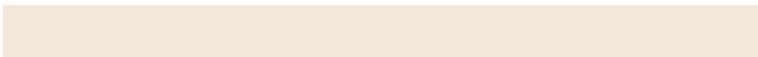
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3769, 0.3251, 0.3266



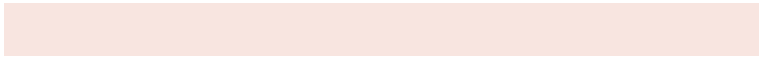
81.3769, 0.3292, 0.3341



81.3769, 0.3288, 0.3404

Triad

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



81.3769, 0.3292, 0.3341



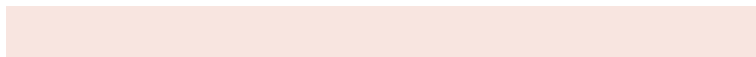
81.3769, 0.3076, 0.3385



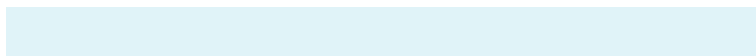
81.3769, 0.3015, 0.3145

Complementary

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



81.3769, 0.3292, 0.3341



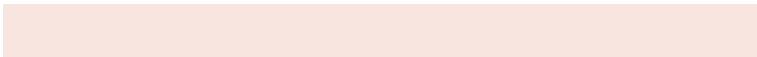
86.7234, 0.2977, 0.3238

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.



81.3769, 0.2969, 0.3175



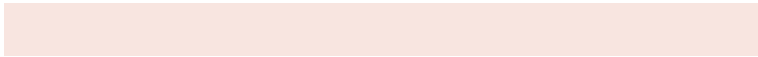
81.3769, 0.3292, 0.3341



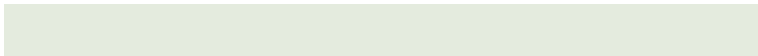
81.3769, 0.3004, 0.3313

Square

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



81.3769, 0.3292, 0.3341



81.3769, 0.3162, 0.3431



81.3769, 0.2965, 0.3236



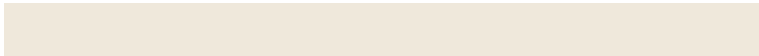
81.3769, 0.3091, 0.3154

Rectangle

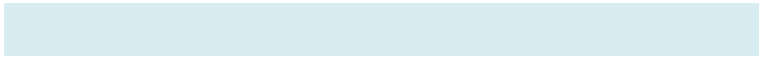
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3769, 0.3292, 0.3341



81.3769, 0.3260, 0.3430



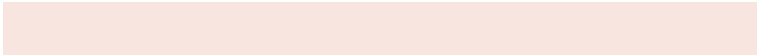
81.3769, 0.2965, 0.3236



81.3769, 0.2995, 0.3151

Sweetspot

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



81.3805, 0.3292, 0.3341



95.7138, 0.3175, 0.3305



79.7556, 0.3169, 0.3099



20.2466, 0.3188, 0.3310



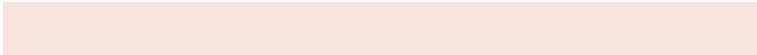
0.0000, 0.0000, 0.0000



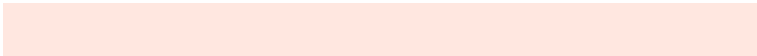
21.4041, 0.3127, 0.3290

Same Dimension

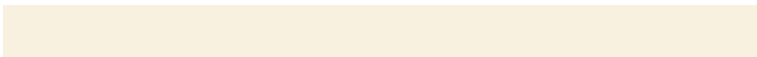
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3805, 0.3292, 0.3341



83.6900, 0.3337, 0.3354



88.1272, 0.3279, 0.3458



17.8110, 0.3289, 0.3340



12.2525, 0.6163, 0.3488



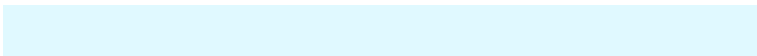
1.2800, 0.5944, 0.3662

Inverse Universe

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



86.7234, 0.2977, 0.3238



90.6505, 0.2941, 0.3225



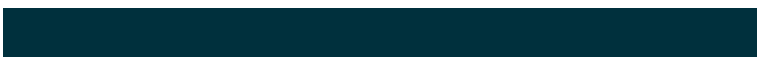
79.8931, 0.2976, 0.3116



18.9584, 0.2980, 0.3239



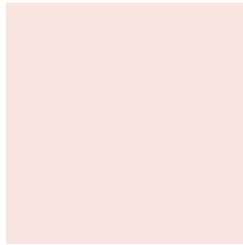
25.2770, 0.2057, 0.2605



2.4898, 0.2082, 0.2696

Previews

White Background



This preview shows how the Yxy color 81.3769, 0.3292, 0.3341 looks on a white background.

Color Contrast Check

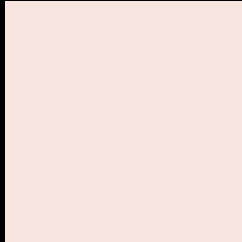
Large Text (above 18pt) WCAG AA × Fail

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 81.3769, 0.3292, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

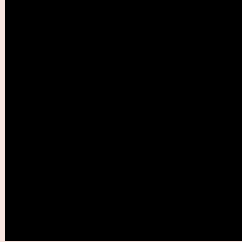
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

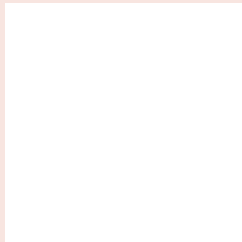
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3769, 0.3292, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 81.3769, 0.3292, 0.3341.

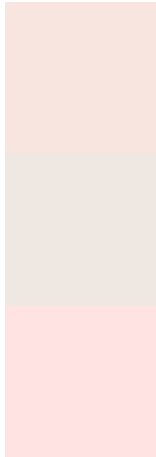


This preview shows how white text looks on a background with the Yxy color 81.3769, 0.3292, 0.3341.

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

81.3769, 0.3292, 0.3341

Protanopia

81.5549, 0.3213, 0.3352

Deuteranopia

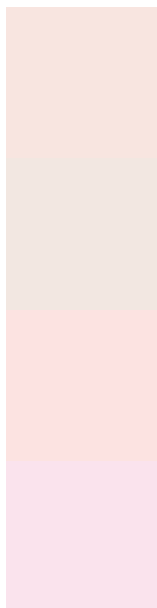
81.1437, 0.3332, 0.3291



Tritanopia

81.4336, 0.3184, 0.3112

Trichromacy



Original Color

81.3769, 0.3292, 0.3341

Protanomaly

81.4653, 0.3241, 0.3352

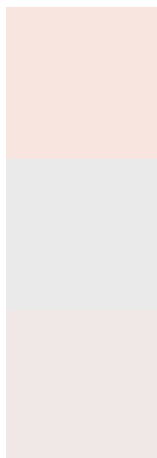
Deuteranomaly

81.0699, 0.3316, 0.3311

Tritanomaly

81.3766, 0.3222, 0.3191

Monochromacy



Original Color

81.3769, 0.3292, 0.3341

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.7771, 0.3188, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3769, 0.3292, 0.3341 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(248, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 224)  
}
```

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(248, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 224) }
```

Border

The CSS property to change the border of an element to Yxy 81.3769, 0.3292, 0.3341 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(248, 229, 224) }
```

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

```
.border{ border-color:rgb(248, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3769, 0.3292, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 224) }
```

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

```
.background{ background-color: rgb(248,  
229, 224) }
```

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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