

Converting Colors

$Y_{xy}(79.8760, 0.3328, 0.3421)$

Have a look what the booklet for
Yxy(79.8760, 0.3328, 0.3421)
contains.

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Color

Yxy(79.8056, 0.3332, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	F5E4D7
RGB	245, 228, 215
RGB Percent	96%, 89%, 84%
CMY	0.0393, 0.1058, 0.1568
CMYK	0.00, 0.07, 0.12, 0.04
HSL	26°, 60%, 90%
HSV	26°, 12%, 96%
XYZ	77.6613, 79.8056, 75.6102
YIQ	231.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

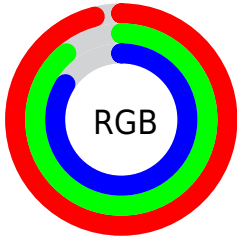
Format	Color
R _Y B	245, 238, 215
Decimal	16114903
CIE Lab	91.60, 3.66, 8.41
CIE LCh	92, 9.167, 66.488
Yxy	79.8056, 0.3332, 0.3424
Android (android.graphics.Color)	4294304983 (0xFFFF5E4D7)
YUV	231.6010, -8.1843, 11.7509
Hunter-Lab	89.3340, -1.1579, 12.3521

Details

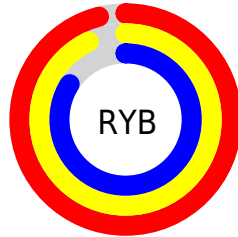
The Yxy color **79.8056, 0.3332, 0.3424** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7449, 0.2937, 0.3152**, and the grayscale version is **80.4377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2440, 0.3385, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **71.3127, 0.3529, 0.3540**, and if you desaturate by 10%, it is **89.1067, 0.3162, 0.3314**.

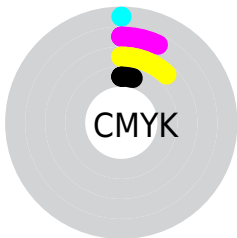
Distribution



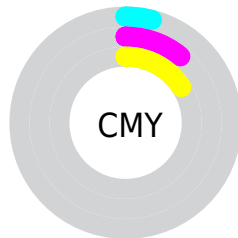
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.8056, 0.3332, 0.3424 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 79.8056, 0.3332, 0.3424 by changing the saturation by 10% instead.


 79.8056, 0.3332,
0.3424

 79.8056, 0.3332,
0.3424

494.2775, 0.3238,
0.3364

 59.5584, 0.3353,
0.3437


133.0924, 0.3300,
0.3403

 43.0628, 0.3379,
0.3454


166.9007, 0.3287,
0.3395

 29.9344, 0.3412,
0.3474


205.9983, 0.3276,
0.3388

 19.7888, 0.3454,
0.3501

250.7694, 0.3267,
0.3382

 12.2416, 0.3511,
0.3536

301.5985, 0.3258,
0.3377

 6.9084, 0.3593,
0.3585

358.8699, 0.3251,

 3.4049, 0.3717,

0.3372

0.3658

422.9681, 0.3244,
0.3368

■ 1.3466, 0.3939,
0.3784

■ 0.1769, 0.5927,
0.4073

■ 79.8056, 0.3332,
0.3424

■ 79.8056, 0.3332,
0.3424

■ 71.3127, 0.3529,
0.3540

■ 89.1067, 0.3162,
0.3314

■ 63.5946, 0.3755,
0.3660

■ 98.1488, 0.3066,
0.3290

■ 56.6312, 0.4011,
0.3777

■ 50.3973, 0.4294,
0.3885

■ 44.8660, 0.4598,
0.3971

■ 40.0086, 0.4907,
0.4024

■ 35.7935, 0.5202,
0.4031

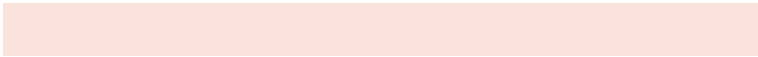
■ 32.1854, 0.5460,
0.3982

■ 29.7689, 0.5629,
0.3912

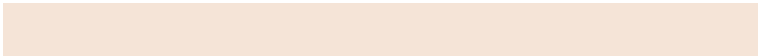
Harmonies

Analogous

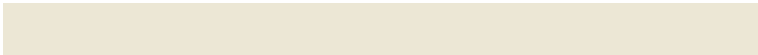
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8056, 0.3330, 0.3342



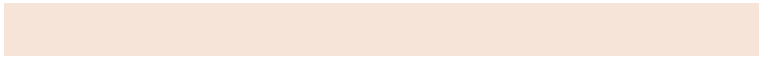
79.8056, 0.3332, 0.3424



79.8056, 0.3278, 0.3472

Triad

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



79.8056, 0.3332, 0.3424



79.8056, 0.2982, 0.3330



79.8056, 0.3068, 0.3117

Complementary

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



79.8056, 0.3332, 0.3424



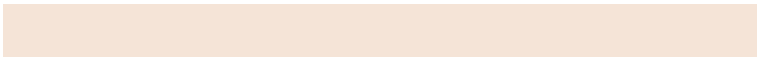
78.7449, 0.2937, 0.3152

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.



79.8056, 0.2977, 0.3111



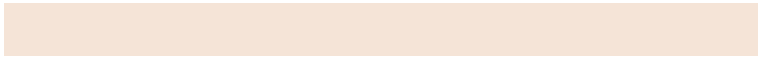
79.8056, 0.3332, 0.3424



79.8056, 0.2928, 0.3233

Square

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



79.8056, 0.3332, 0.3424



79.8056, 0.3076, 0.3418



79.8056, 0.2926, 0.3153



79.8056, 0.3177, 0.3167

Rectangle

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



79.8056, 0.3332, 0.3424



79.8056, 0.3218, 0.3477



79.8056, 0.2926, 0.3153



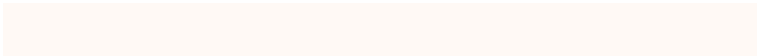
79.8056, 0.3035, 0.3110

Sweetspot

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



79.8091, 0.3332, 0.3424



95.7302, 0.3190, 0.3333



73.8436, 0.3230, 0.3117



20.3218, 0.3203, 0.3341



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.



79.8091, 0.3332, 0.3424



84.7271, 0.3384, 0.3456



88.4065, 0.3313, 0.3573



17.6648, 0.3283, 0.3393



16.3037, 0.5601, 0.3935



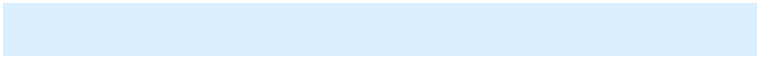
1.6333, 0.5383, 0.4108

Inverse Universe

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



78.7449, 0.2937, 0.3152



83.3217, 0.2892, 0.3118



70.6733, 0.2933, 0.2990



17.4842, 0.2980, 0.3185



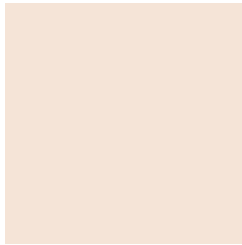
13.7392, 0.1835, 0.1804



1.4117, 0.1891, 0.2007

Previews

White Background



This preview shows how the Yxy color 79.8056, 0.3332, 0.3424 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 79.8056, 0.3332, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

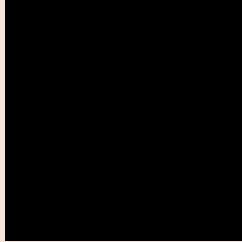
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

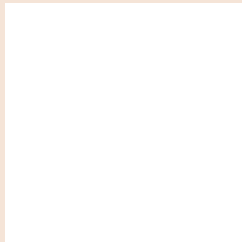
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.8056, 0.3332, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 79.8056, 0.3332, 0.3424.

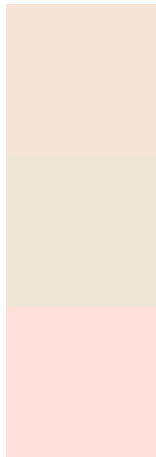


This preview shows how white text looks on a background with the Yxy color 79.8056, 0.3332, 0.3424.

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

79.8056, 0.3332, 0.3424

Protanopia

79.9022, 0.3280, 0.3436

Deuteranopia

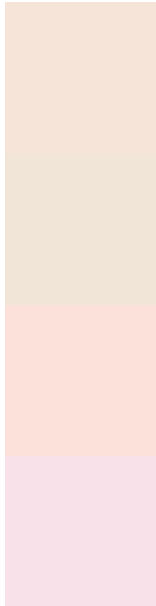
79.6333, 0.3390, 0.3351



Tritanopia

79.8619, 0.3184, 0.3111

Trichromacy



Original Color

79.8056, 0.3332, 0.3424

Protanomaly

79.6973, 0.3296, 0.3425

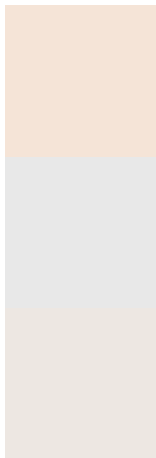
Deuteranomaly

79.3694, 0.3366, 0.3372

Tritanomaly

79.6331, 0.3243, 0.3220

Monochromacy



Original Color

79.8056, 0.3332, 0.3424

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.6473, 0.3200, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8056, 0.3332, 0.3424 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(245, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 215)  
}
```

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(245, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 215) }
```

Border

The CSS property to change the border of an element to Yxy 79.8056, 0.3332, 0.3424 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(245, 228, 215) }
```

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

```
.border{ border-color:rgb(245, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8056, 0.3332, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 215) }
```

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

```
.background{ background-color: rgb(245,  
228, 215) }
```

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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