

Converting Colors

$Yxy(78.4998, 0.3243, 0.3328)$

Have a look what the booklet for
Yxy(78.4998, 0.3243, 0.3328)
contains.

Yxy(78.7911, 0.3244, 0.3332)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.7911, 0.3244, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	F0E3DF
RGB	240, 227, 223
RGB Percent	94%, 89%, 87%
CMY	0.0590, 0.1097, 0.1255
CMYK	0.00, 0.05, 0.07, 0.06
HSL	14°, 36%, 91%
HSV	14°, 7%, 94%
XYZ	76.7102, 78.7911, 80.9666
YIQ	230.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

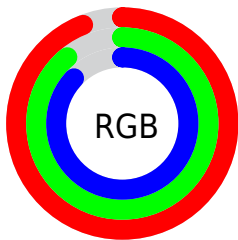
Format	Color
R _{YB}	240, 228, 223
Decimal	15786975
CIE Lab	91.14, 3.71, 3.53
CIE LCh	91, 5.124, 43.534
Yxy	78.7911, 0.3244, 0.3332
Android (android.graphics.Color)	4293977055 (0xFFFF0E3DF)
YUV	230.4310, -3.6635, 8.3920
Hunter-Lab	88.7644, -1.0779, 8.0535

Details

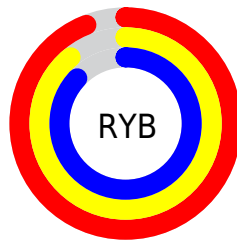
The Yxy color **78.7911, 0.3244, 0.3332** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9189, 0.3018, 0.3248**, and the grayscale version is **79.4866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5225, 0.3270, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **68.1106, 0.3438, 0.3395**, and if you desaturate by 10%, it is **90.7247, 0.3083, 0.3273**.

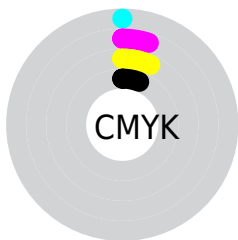
Distribution



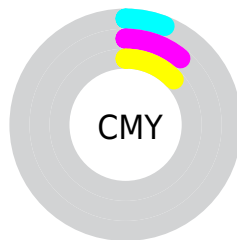
- Red (94%)
- Green (89%)
- Blue (87%)



- Red (94%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7911, 0.3244, 0.3332 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 78.7911, 0.3244, 0.3332 by changing the saturation by 10% instead.


 78.7911, 0.3244,
0.3332

 78.7911, 0.3244,
0.3332


490.8494, 0.3191,
0.3313

 58.7241, 0.3256,
0.3336

131.6647, 0.3226,
0.3326

 42.3910, 0.3271,
0.3341


165.2401, 0.3218,
0.3323

 29.4076, 0.3290,
0.3348


204.0871, 0.3212,
0.3321

 19.3894, 0.3314,
0.3356

248.5900, 0.3207,
0.3319

 11.9520, 0.3347,
0.3367

299.1333, 0.3202,
0.3317

 6.7110, 0.3394,
0.3382

356.1014, 0.3198,

 3.2820, 0.3467,

0.3316

419.8786, 0.3194,
0.3314

0.3405

1.2807, 0.3594,
0.3443

0.1262, 0.6253,
0.3747

78.7911, 0.3244,
0.3332

78.7911, 0.3244,
0.3332

68.1106, 0.3438,
0.3395

90.7247, 0.3083,
0.3273

58.6320, 0.3670,
0.3461

97.2573, 0.3035,
0.3290

50.3160, 0.3946,
0.3528

43.1170, 0.4270,
0.3590

■ 36.9865, 0.4638,
0.3641

■ 31.8721, 0.5035,
0.3670

■ 27.7171, 0.5433,
0.3667

■ 24.4585, 0.5790,
0.3623

■ 22.0241, 0.6062,
0.3541

Harmonies

Analogous

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



78.7911, 0.3219, 0.3279



78.7911, 0.3244, 0.3332



78.7911, 0.3237, 0.3374

Triad

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



78.7911, 0.3244, 0.3332



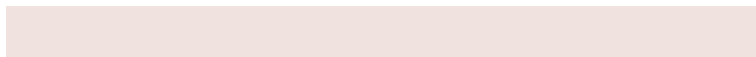
78.7911, 0.3085, 0.3351



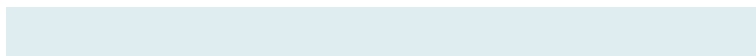
78.7911, 0.3053, 0.3188

Complementary

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



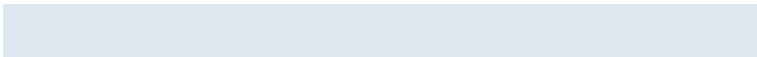
78.7911, 0.3244, 0.3332



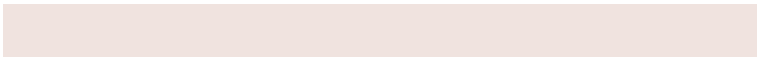
81.9189, 0.3018, 0.3248

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.



78.7911, 0.3018, 0.3206



78.7911, 0.3244, 0.3332



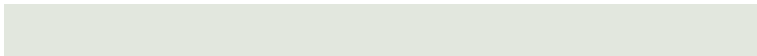
78.7911, 0.3036, 0.3300

Square

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



78.7911, 0.3244, 0.3332



78.7911, 0.3145, 0.3386



78.7911, 0.3012, 0.3247



78.7911, 0.3109, 0.3197

Rectangle

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



78.7911, 0.3244, 0.3332



78.7911, 0.3216, 0.3391



78.7911, 0.3012, 0.3247



78.7911, 0.3039, 0.3191

Sweetspot

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



78.7945, 0.3244, 0.3332



97.2208, 0.3159, 0.3302



77.3414, 0.3161, 0.3157



20.8384, 0.3157, 0.3301



0.0000, 0.0000, 0.0000



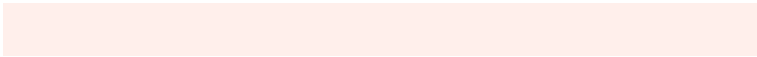
21.4041, 0.3127, 0.3290

Same Dimension

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



78.7945, 0.3244, 0.3332



89.2328, 0.3261, 0.3338



83.5074, 0.3236, 0.3418



16.3690, 0.3287, 0.3347



11.9175, 0.6102, 0.3537



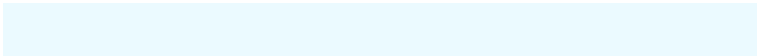
1.1403, 0.5850, 0.3737

Inverse Universe

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



81.9189, 0.3018, 0.3248



93.2777, 0.3003, 0.3242



77.1928, 0.3018, 0.3159



17.2546, 0.2981, 0.3233



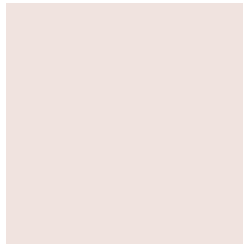
22.1814, 0.2029, 0.2503



1.9967, 0.2061, 0.2619

Previews

White Background



This preview shows how the Yxy color 78.7911, 0.3244, 0.3332 looks on a white background.

Color Contrast Check

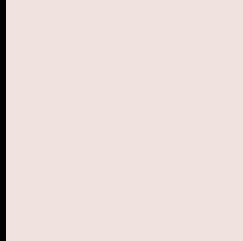
Large Text (above 18pt) WCAG AA × Fail

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 78.7911, 0.3244, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

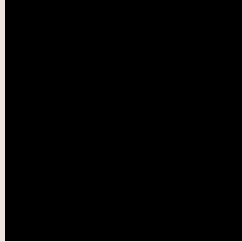
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

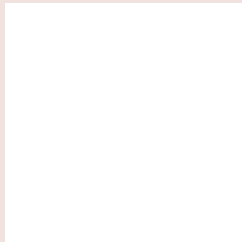
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7911, 0.3244, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 78.7911, 0.3244, 0.3332.

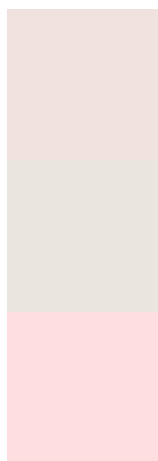


This preview shows how white text looks on a background with the Yxy color 78.7911, 0.3244, 0.3332.

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

78.7911, 0.3244, 0.3332

Protanopia

79.0826, 0.3201, 0.3342

Deuteranopia

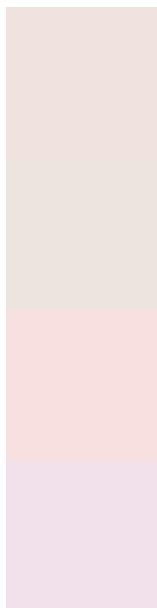
78.6952, 0.3343, 0.3271



Tritanopia

78.7768, 0.3143, 0.3108

Trichromacy



Original Color

78.7911, 0.3244, 0.3332

Protanomaly

78.8731, 0.3216, 0.3332

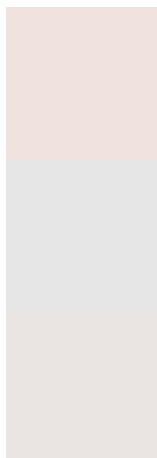
Deuteranomaly

78.8329, 0.3305, 0.3291

Tritanomaly

78.7258, 0.3181, 0.3188

Monochromacy



Original Color

78.7911, 0.3244, 0.3332

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0771, 0.3174, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7911, 0.3244, 0.3332 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(240, 227, 223) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 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(240, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 223) }
```

Border

The CSS property to change the border of an element to Yxy 78.7911, 0.3244, 0.3332 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(240, 227, 223) }
```

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

```
.border{ border-color:rgb(240, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7911, 0.3244, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 223) }
```

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

```
.background{ background-color: rgb(240,  
227, 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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